

OCCUPATIONS.

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The following table shows the percentage of aliens of the total number of persons of each nationality living in the 124 principal cities as compared with the percentage living outside of these cities and in the country at large:

PRINCIPAL COUNTRIES OF BIRTH.	Per cent of aliens of total per- sons in the United States born as speci- fied.	TOTAL PERSONS AND ALIENS IN THE 124 PRINCIPAL CITIES BORN AS SPECIFIED.			TOTAL PERSONS AND ALIENS OUTSIDE OF THE 124 PRINCIPAL CITIES BORN AS SPECIFIED.		
		Total persons.	Aliens.	Per cent of aliens of total persons.	Total persons.	Aliens.	Per cent of aliens of total persons.
Total	12.86	4,081,927	540,066	13.23	5,107,620	649,386	12.57
China	89.03	42,875	37,219	86.81	63,813	57,768	90.53
Italy	38.81	107,337	34,224	31.88	75,243	36,629	48.68
Hungary	37.42	27,958	6,611	23.65	34,477	16,751	48.59
Austria	25.65	50,572	13,191	22.14	63,699	18,429	28.93
Russia	23.40	105,743	25,730	24.33	76,001	17,010	22.12
Mexico	22.78	6,205	961	15.49	71,048	16,771	23.41
Poland	20.90	84,200	16,126	19.15	63,240	14,685	23.22
France	14.98	51,714	7,998	15.46	61,480	8,957	14.57
Sweden	14.51	152,047	24,901	16.38	325,994	44,454	13.64
Canada and Newfoundland ..	14.51	307,060	46,061	14.97	673,278	96,252	14.30
Denmark	13.74	30,806	5,107	16.58	101,737	13,108	12.88
Switzerland	13.16	32,422	4,043	14.92	71,047	9,051	12.63
Scotland	12.85	99,913	15,169	15.18	142,318	15,947	11.21
England (a)	11.63	369,979	48,979	13.24	530,113	56,759	10.53
Norway	11.03	67,065	10,108	15.07	255,600	25,649	10.03
Holland	10.76	27,445	3,164	11.53	54,383	5,638	10.37
Bohemia	10.65	57,065	7,855	13.77	61,041	4,727	7.74
Wales	8.99	25,828	2,660	10.30	74,256	6,335	8.53
Germany	8.76	1,328,075	132,416	9.97	1,456,219	111,517	7.66
Ireland	7.70	1,047,432	86,206	8.23	824,077	57,918	7.03
Other countries	20.22	49,991	10,739	21.48	77,476	15,033	19.40

a Includes Great Britain, not specified.

The aliens of Hungarian birth living in the 124 principal cities constituted a very much smaller percentage of the total number of persons of Hungarian birth than in the territory outside of those cities, or 23.65 per cent in the cities as compared with 48.59 per cent outside of the cities. They were closely followed in this respect by aliens of Italian birth, or 31.88 per cent in the cities as compared with 48.68 per cent outside of the cities. The aliens of Mexican, Austrian, Chinese, and Polish birth also constituted a somewhat smaller percentage of the total number of persons of those nationalities living in the principal cities than those outside of the cities. In all other cases there was a slightly larger percentage of aliens of total persons living in the 124 principal cities than in the remainder of the country.

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The statistics of occupations, as derived from the returns made by the census enumerators on the population schedule, comprehend only those persons 10 years of age and over who were reported as being occupied in some form of remunerative work. Children under 10 years of age are not included, although they were often reported as having been employed at gainful labor during a portion of the census year. This was the practice observed at the censuses of 1870 and 1880, and it has been adhered to in the census of 1890.

Before discussing the results of the present census with respect to occupations, the classification adopted in 1890 as compared with that of preceding censuses should be explained, and a brief statement made concerning the limitations to be borne in mind in considering the results presented in the tables of occupations in this report as compared with the return of employes given in the census reports relating to Manufactures and to Mineral Industries.

Prior to 1850 no effort was made to obtain through the census enumerators detailed statements as to the occupations of the people, although in 1820 and again in 1840 the number of persons engaged in certain general classes of occupations was called for.

At the census of 1850 an inquiry was made on the population schedule as to the occupations of free males over 15 years of age, the printed results comprising 323 occupation designations in an alphabetical list, without classification according to the number engaged in each of the great classes, as agriculture, manufactures, and the like, and without any details as to their age or nationality.

Again in 1860 a similar alphabetical list of the occupations of free persons over 15 years of age, without distinction of sex, was printed in the report for that census, this list comprising 584 occupation designations, but without classification or description of the persons so occupied.

At the census of 1870 occupations were tabulated for all persons 10 years of age and over, subdivided by sex, age, and nationality, and classified under four general heads, namely: agriculture; professional and personal services; trade and transportation; and manufactures and mechanical and mining industries. The presentation of occupations in 1870 covered 338 occupation designations.

In 1880 the classification of occupations used in the census of 1870 was maintained, but the number of occupation designations was reduced to 265. Similarly, the subdivision by sex, age, and principal nationalities was observed, but the number of separate nationalities was considerably less in 1880 than in 1870.

At the present census (1890) no radical departure was made from the general plan of classifying occupations adopted in 1870 and 1880, but several changes were made for various reasons, and the number of occupation designations still further reduced to 218.

The several changes in the classification of certain occupation designations under each of the general class heads in 1890, as compared with the classification shown in the printed reports of the censuses of 1870 and 1880, are summarized as follows:

First, by the transfer to "Agriculture, fisheries, and mining" of fishermen and oystermen, lumbermen and raftsmen, miners, quarrymen, and wood choppers, from "Manufacturing and mechanical industries".

Second, by the transfer to "Domestic and personal service" of barkeepers (1870 only), employés in warehouses (1880 only), laborers in trade and transportation (1870 only), saloon keepers and bartenders (1880 only), and stewards and stewardesses, from "Trade and transportation", and of engineers and firemen and ice cutters (1870 only), from "Manufacturing and mechanical industries".

Third, by the transfer to "Trade and transportation" of auctioneers, card writers (1870 only), claim agents (1870 only), collectors and claim agents (1880 only), clerks and copyists not otherwise described, clerks in government offices, clerks in hotels and restaurants, employés of companies not specified (1870 only), hostlers, intelligence office keepers (1870 only), livery stablekeepers, messengers, officials of companies not specified (1870 only), and shorthand writers (1870 only), from "Domestic and personal service", and of clerks and bookkeepers in manufacturing establishments, officials of mining companies (1870 only), and rag pickers, from "Manufacturing and mechanical industries".

Fourth, by the transfer to "Manufacturing and mechanical industries" of apprentices to barbers, dentists, and learned professions (1870 only) and whitewashers, from "Domestic and personal service", and of apprentices in stores (1870 only), from "Trade and transportation".

There has been no change in the classification of persons engaged in professional pursuits, given in 1870 and 1880 under the heading of "Professional and personal services", except to classify them in 1890 under the heading of "Professional service", separate from persons engaged in "Domestic and personal service".

The classification in 1890 of persons engaged in mining and fishing and in securing the products of the forests with persons engaged in agricultural pursuits, under the heading of "Agriculture, fisheries, and mining", is one mainly of convenience, which was also the governing reason for their classification originally in 1870, and again in 1880, with persons engaged in manufacturing and mechanical industries. On the score of convenience solely, therefore, it has seemed desirable to include them in a small class, so far as number of occupation designations is concerned, where they can be readily found, and from which they can be easily excluded, if it is desired to determine the number of persons engaged simply in agricultural pursuits.

With respect to the remaining transfers of occupations from one class to another which have been made, no explanation seems especially necessary, with one exception. This exception relates to the classification under "Trade and transportation" of accountants, bookkeepers, clerks, and copyists of all kinds, irrespective of where they may happen to be employed. In the case of the comparatively small number of persons who are occupied in the purely clerical part of the work incident to the production of goods or the conduct of professional and personal services, governmental or otherwise, there does not seem to be any particularly valid reason for reporting their number separate from that of the great body of clerks and bookkeepers who, on broad grounds, are engaged in practically the same kind of work. Clerks in government offices, as well as those in the offices of professional people, are, after all, largely occupied in keeping the "accounts" of the respective pursuits with which they are associated, and in this aspect have been very properly consolidated with bookkeepers and clerks engaged in purely mercantile pursuits.

The force of this statement becomes more apparent when it is considered that the primary purpose of the classification of occupations in 1890 has been to show, so far as the returns of the census enumerators would permit, the character of the service rendered or kind of work done rather than to indicate the place of employment or the particular article made or worked upon. From the standpoint of the "individual" return, this is really the only practicable basis for classifying occupations, especially as from the returns of the manufacturing, mechanical, and mining industries we are enabled to secure through the census an approximately accurate statement of the average number of persons of all sorts and kinds engaged in each particular industry, as derived from the returns of the establishments directly engaged in such production, and from which it is also possible to secure, wherever necessary, a much more minute subdivision and correct classification of the labor essential to the production of any specified kind of goods.

Following the idea expressed in the preceding paragraph, every effort was made in the printed instructions to guide the enumerator in making his returns of the occupations of the people in such manner as to enable this office to classify occupations according to the character of the service rendered, as will be plainly apparent in the following extracts from the printed instructions to enumerators:

A person's occupation is the profession, trade, or branch of work upon which he chiefly depends for support, and in which he would ordinarily be engaged during the larger part of the year. General or indefinite terms which do not indicate the kind of work done by each person must not be used. You are under no obligation to give a person's occupation just as he expresses it. If he can not tell intelligibly what he *is*, find out what he *does*, and describe his occupation accordingly. The name of the place worked in or article made or worked upon should not be used as the sole basis of the statement of a person's occupation. Endeavor to ascertain always the character of the service rendered or kind of work done, and so state it.

Be careful to distinguish between the *farm laborer*, the *farmer*, and *farm overseer*; also between the *plantation laborer*, the *planter*, and *plantation overseer*. These three classes must be kept distinct, and each occupation separately returned.

Do not confuse the *agricultural laborer*, who works on the farm or plantation, with the general or day laborer, who works on the road or at odd jobs in the village or town. Distinguish also between *wood choppers* at work regularly in the woods or forests and the laborer who takes a job occasionally at chopping wood.

Make a separate return for *farmers* and *planters* who own, hire, or carry on a farm or plantation, and for *gardeners*, *fruit growers*, *nurserymen*, *florists*, *wine growers*, etc., who are engaged in raising vegetables for market or in the cultivation of fruit, flowers, seeds, nursery products, etc.

Avoid the confusion of the *garden laborer*, *nursery laborer*, etc., who hires out his services, with the proprietor gardener, florist, nurseryman, etc., who carries on the business himself or employs others to assist him.

Return as *dairymen* or *dairywomen* those persons whose occupation in connection with the farm has to do chiefly with the dairy. Do not confuse them with employes of butter and cheese or condensed milk factories, who should be separately returned by some distinctive term.

Do not include *lumbermen*, *raftsmen*, *log drivers*, etc., engaged in hauling or transporting lumber (generally by water) from the forest to the mill, with the employes of lumber yards or lumber mills.

For *fishermen* and *oystermen* describe the occupation as accurately as possible. Be careful to avoid the return of fishermen on vessels as sailors. If they gain their living by fishing, they should be returned as "fishermen", and not as sailors.

Make a careful distinction between the *coal miners* and *miners of ores*; also between miners generally and *quarrymen*.

Do not return *proprietors* or *officials* of mining or quarrying companies as miners or quarrymen, but state their business or official position accurately.

Distinguish *journalists*, *editors*, and *reporters* from *authors* and other *literary persons* who do not follow journalism as a distinct profession.

Distinguish carefully between *housekeepers*, or women who receive a stated wage or salary for their services, and *housewives*, or women who keep house for their own families or for themselves, without any gainful occupation. The occupation of grown daughters who assist in the household duties without fixed remuneration should be returned as "*Housework—without pay*".

As stated under agricultural pursuits, do not confuse *day laborers*, at work for the city, town, or at odd jobs, with the agricultural laborer, at work on the farm or plantation or in the employ of gardeners, nurserymen, etc. State specifically the kind of work done in every instance.

Clerks in hotels, restaurants, and saloons should be so described and carefully distinguished from *bartenders*. In many instances bartenders will state their occupation as "clerk" in wine store, etc., but the character of the service rendered by such persons will readily determine whether they should be classed as "bartenders" or not.

Stationary engineers and *firemen* should be carefully distinguished from *engineers* and *firemen* employed on locomotives, steamboats, etc.

Soldiers, *sailors*, and *marines* enlisted in the service of the United States should be so returned. Distinguish between officers and enlisted men, and for civilian employes return the kind of service performed by them.

Do not confound a clerk with a salesman, as is often done, especially in dry goods stores, grocery stores, and provision stores. Generally speaking, the persons so employed are to be considered as salesmen, unless the bulk of their service is in the office on the books and accounts; otherwise they should be returned as *salesman—dry goods*; *salesman—groceries*, etc.

Stenographers and *typewriters* should be reported separately, and should not be described simply as "clerks".

Distinguish carefully between *bank clerks*, *cashiers in banks*, and *bank officials*, describing the particular position filled in each case. In no case should a *bank cashier* be confounded with cashiers in stores, etc.

Distinguish between foremen and overseers, packers and shippers, porters and helpers, and errand, office, and messenger boys in stores, etc., and state in each case the character of the duties performed by them, as *foreman—wholesale wool house*; *packer—crockery*; *porter—rubber goods*; *errand boy—dry goods*; *messenger boy—telegraph*.

Distinguish *traveling salesmen* from salesmen in stores, and state the kind of goods sold by them.

Return *boarding and livery stable keepers* separately from *hostlers* and other stable employes.

Officials of railroad, telegraph, express, and other companies should be separately returned and carefully distinguished from the employes of such companies.

Telegraph operators, *telephone operators*, *telegraph linemen*, *telephone linemen*, *electric light men*, etc., should be kept distinct, and a separate return made for each class.

In reporting occupations pertaining to manufactures there are many difficulties in the way of showing the kind of work done rather than the article made or the place worked in. The nature of certain occupations is such that it is well nigh impossible to find properly descriptive terms without the use of some expression relating to the article made or place in which the work is carried on.

Do not accept "maker" of an article or "works in" mill, shop, or factory, but strive always to find out the particular work done.

Describe the proprietor of the establishment as a "manufacturer", and specify the branch of manufacture, as *cotton manufacturer*, etc. In no case should a manufacturer be returned as a "maker" of an article.

Distinguish between *butchers*, whose business is to slaughter cattle, swine, etc., and *provision dealers*, who sell meats only.

Distinguish also between *glovers*, *hatters*, or *furriers*, who actually make or make up in their own establishments all or part of the gloves, hats, or furs which they sell, and the persons who simply deal in but do not make these articles.

Do not use the words "factory operative", but specify in every instance the kind of work done, as *cotton mill—spinner*; *silk mill—weaver*, etc.

Do not describe a person in a printing office as a "printer" where a more expressive term can be used, as *compositor*, *pressman*, *press feeder*, etc.

Make the proper distinction between a *clock* or *watch* "maker" and a *clock* or *watch* "repairer". Do not apply the word "jeweler" to those who make watches, watch chains, or jewelry in large establishments.

Avoid in all cases the use of the word "mechanic", and state whether a *carpenter*, *mason*, *house painter*, *machinist*, *plumber*, etc.

Do not say "finisher", "molder", "polisher", etc., but state the article finished, molded, or polished, as *brass finisher*, *iron molder*, *steel polisher*, etc.

Distinguish between *dressmakers*, *seamstresses*, *tailoresses*, etc.

The distinction to be made between *housewives*, *housekeepers*, and those assisting in *housework* has already been stated. For the large body of persons, particularly young women, who live at home and do nothing, make the return as "No occupation". With respect to infants and children too young to take any part in production or to be engaged in any stated occupation, distinguish between those at home and those attending school. For those too young to go to school, or who for some reason did not attend school during the census year, write the words *At home*, and for those who attended school during some part of the school year write the words *At school—public*, or *At school—private*, according to the kind of school. If taught by a governess or tutor, it should be so stated.

The doing of domestic errands or family chores out of school hours, where a child regularly attends school, should not be considered an occupation. But if a boy or girl, whatever the age, is earning money regularly by labor, contributing to the family support, or appreciably assisting in mechanical or agricultural industry, the kind of work performed should be stated.

It is at once obvious, therefore, that it is impossible to have any substantial agreement between the returns of occupations on the population schedule and the statistics of persons employed derived from the returns relating to Manufactures, Mineral Industries, and other industrial operations where the establishment, and not the individual, is the basis of tabulation. The census report on Population in 1880 gives at length, under "Remarks upon the tables of occupations", the reasons for the seeming discrepancies between the results derived from the two widely different sources of information, the establishment and the individual, which are reproduced in part as follows:

Comparison of the numbers reported in the tables of occupations with the numbers found under corresponding titles in the tables of manufactures will discover discrepancies of very important extent which require to be here accounted for, not only in justification of these tables, but for the additional light which such an investigation throws upon the industrial capacity of the country.

Not only do important discrepancies exist, but they are found to be of two kinds, of diametrically opposite direction. In one class of cases the numbers reported in the tables of occupations appear to be too large; in the other, too small.

First, however, it needs to be stated just what constitutes a discrepancy. A failure in the numbers reported in the one place and in the other to balance exactly is not a discrepancy; on the contrary, this is to be expected; and if the numbers are found to be in excess in the proper set of tables, and to be in excess to only the proper extent, this furnishes statistical proof of a high character. The tables in which the numbers should thus be generally found in excess are the occupation tables. The reason for the excess being found in these tables and not in the others is that the schedule of manufactures gives an average return of the number of "hands employed", while the statistics of occupations are taken from a count of individuals upon the population schedule, and present, therefore, a maximum return, embracing, as they do, artisans of every class out of employment, temporarily disabled, or for some other reason not included in the actual return of any establishment.

The degree to which such excess should extend will depend, within certain limits, upon the nature of the special occupation, as well as upon the general condition of manufacturing industry throughout the country at the time.

First. Those cases where the numbers in the tables of occupations do not exceed those in the tables of manufactures, but even fall below them. Instances of this kind are principally confined to the returns of factory operatives.

A portion of these omissions undoubtedly may be accounted for by the large number returned under the head of "Mill and factory operatives not specified", as well as by the number of "Employés of manufacturing establishments not specified"; but, in the main, the explanation of the discrepancies is found in the fact that women and children employed in factories are omitted in large numbers.

Thus, omissions may take place either through the failure of the enumerators to ask the questions relating to occupation concerning such persons, assuming that they have no avocation outside their homes, or from the indisposition of the persons themselves or the heads of the families to speak of them as in employment. Especially in the case of children, who are part of the time in school and part of the time in the mill, would the mother or father be likely to give a preference to the former over the latter mode of statement, particularly when, as in tens of thousands of cases the country over, the child comes within the period of life respecting which there is a legal requirement of school attendance.

When we come, however, to occupations pursued mainly by adults, and, indeed, almost exclusively by adult males, like the trades of carpenter, blacksmith, mason, or painter, or the professions of lawyer, physician, or clergyman, the force of this cause is no longer felt.

Second. Those instances where the numbers appearing in the tables of occupations exceed those in the tables of manufactures by more than the probable or possible difference between a maximum and an average return. Unlike the class first noted, these discrepancies affect mainly the statistics of those occupations which are pursued singly, or by twos and threes, out of large mills and factories, and even in a considerable degree out of shops. Discrepancies of this character in no degree discredit the statistics of occupations. They arise from the fact that the return of "productive industry" is not, as indeed it is not expected to be, a complete return of the mechanical production of the country.

The census attempts the enumeration of mechanical industry only as it is carried on in shops, and thus fails to embrace that large body of individual labor which is not attached to distinct "establishments of productive industry". Moreover, the census law establishes a minimum (namely, the value of \$500 annually), below which the production of shops shall not be returned.

Thus, the trades of blacksmith, carpenter, mason, painter, and, in a somewhat smaller degree, of plumber, locksmith, harness maker, are largely pursued by persons working singly and not occupying for the purpose of their respective trades what would be popularly recognized as "an establishment of productive industry", perhaps having only a chest of tools in some room of the house, and perhaps also engaged in their trades for only one season of the year and producing to less than the value of \$500. The census has never obtained a full report of the production of these trades so far as they are pursued out of shops or factories.

Again, in making such comparisons between the tables of occupations and those of manufactures great care must be taken to ascertain whether the titles taken for the purpose really correspond. In some cases, where the apparent correspondence is greatest, the quantities are, in fact, not commensurable. An example may be found in the brick and tile manufacture. It would at first seem that the "hands employed" should answer to the "brick and tile makers" in the tables of occupations; but, on the contrary, a considerable portion of the hands employed in large brick yards, not infrequently exceeding, indeed, the number of craftsmen, are classed and known as common laborers, and are so returned in the census.

In the same way a factory producing fine furniture may report 100 hands employed, but of these only 80 may be cabinet makers in the usual, and indeed proper, sense of that term, while the others may be simply unskilled laborers, or painters, varnishers, and locksmiths. In a carrier's shop not all the hands are necessarily carriers in the craftman's sense of that term. All textile factories employ persons who are not "operatives"—yard hands, watchmen, millwrights, or mechanics, and simple laborers, it may be, in considerable numbers.

There are, in addition, certain industries respecting which peculiar difficulties arise, from the distinct nature of the several avocations pursued under one roof in the same establishment. Thus, it might be supposed that the manufacture of "agricultural implements" is sufficiently distinct to secure a reasonably close comparison between the number of "hands employed" and the number of "agricultural implement makers" borne on the tables of occupations. But this is not so. A large establishment producing agricultural implements is really divided into a number of shops or factories, where perfectly distinct trades are carried on. There is the foundry, where the iron parts of the machine are cast, and the men working herein will report their occupation as that of foundrymen. There are carpenters' shops, where the wooden parts are made and shaped by carpenters, who call themselves by this term and no other. There are also machine shops, paint shops, etc., where the artisans employed know themselves as machinists or mechanics, or as painters and varnishers, and not as makers of agricultural implements. As a result of the peculiarities of this branch of industry, the "hands employed" in the statistics of manufactures will exceed many times over the number of persons reporting themselves as "agricultural implement makers". An examination of the schedules from those towns where this industry is pursued will reveal the operation of this cause.

In addition to the apparent deficiencies or discrepancies which have been noted, one general remark will suffice in explanation of many of the entries in the tables in respect to the accuracy of which question may naturally arise.

It must be borne in mind that the number of persons who are reported under a certain specified occupation does not necessarily embrace all the persons who perform the duties usually associated with that title, but only those who discharge such duties to the exclusion of other gainful occupations, or at least as their principal or sole professed means of support.

The organization of labor and the subdivision of industry vary in respect to completeness and minuteness with each successive community. As communities advance in industrial character functions become separated and distinct occupations become recognized. This country, from its peculiar conditions, presents almost every degree between the two extremes of industrial development in this particular. In many of the communities of the land it is difficult to draw distinctions much finer than those between the agricultural, the mining, the mechanical, and the commercial pursuit or profession. Indeed, even this is not always practicable, since it is matter of notoriety that in many of the states of the Union, and those not among the newest, the occupations of carpenter and farmer, or blacksmith and farmer, or farmer and fisherman, are frequently united in one person. In larger and more prosperous communities a clear separation between such occupations takes place; yet the carpenter, for instance, in nine out of ten counties in the United States, performs half a dozen functions which in cities are recognized as belonging to distinct trades.

If, therefore, we look at those occupations which emerge as distinct employments only in communities where the organization of industry and the subdivision of labor are carried to a high degree, the number of persons engaged will appear to be impossibly small unless the above considerations are borne carefully in mind.

Other seeming discrepancies, which demand at least an allusion here, occur where persons are returned as of certain special occupations in states where it is notorious that the industries represented are not carried on; or, again, where persons, not more than one, two, or five in number, are returned in a state under a description which implies a large body of workmen. An adequate explanation of all cases of this general nature is found in the consideration that the census takes account of persons where they are actually residing, and assigns them to their habitual occupation, whether it is being at the time pursued or not.

In the enumeration of hundreds of thousands of persons out of health or out of employment, traveling, or visiting friends in other states, it is inevitable that such apparent anomalies should arise.

The foregoing remarks will suffice to show the general plan pursued in tabulating the occupations of the people, as well as determining the limitations of the figures themselves when considered with respect to apparently similar data derived from entirely dissimilar sources.

PROGRESS OF THE NATION.

OCCUPATIONS BY SEX.

The whole number of persons 10 years of age and over engaged in gainful occupations in 1890 was 22,735,661, constituting 36.31 per cent of the entire population of the country and 47.95 per cent of all persons 10 years of age and over. In 1880 there were 17,392,099 persons 10 years of age and over engaged in gainful occupations, constituting 34.68 per cent of the total population and 47.31 per cent of the whole number of persons 10 years of age and over at that census.

Of the 22,735,661 persons engaged in gainful occupations in 1890, 18,821,090 were males and 3,914,571 were females, constituting 58.69 and 12.81 per cent, respectively, of the whole number of males and females and 77.29 and 16.97 per cent, respectively, of all males and females 10 years of age and over. In 1880 there were 14,744,942 males and 2,647,157 females engaged in gainful occupations, constituting 57.78 and 10.74 per cent, respectively, of all males and females and 78.70 and 14.69 per cent of those of each sex 10 years of age and over.

The above figures are given in detail as follows:

SEX AND CENSUS YEARS.	Total population.	Population 10 years of age and over.	Persons 10 years of age and over engaged in gainful occupations.	PER CENT OF PERSONS ENGAGED IN GAINFUL OCCUPATIONS OF—	
				Total population.	Population 10 years of age and over.
Both sexes:					
1890	62,622,250	47,413,559	22,735,661	36.31	47.95
1880	50,155,783	36,761,607	17,392,099	34.68	47.31
Males:					
1890	32,067,880	24,352,659	18,821,090	58.69	77.29
1880	25,518,820	18,735,980	14,744,942	57.78	78.70
Females:					
1890	30,554,370	23,060,900	3,914,571	12.81	16.97
1880	24,636,903	18,025,627	2,647,157	10.74	14.69

OCCUPATIONS.

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The following table shows for 1880 and 1890, by states and territories, the total number of persons 10 years of age and over, and the number and percentage of such persons engaged in gainful occupations:

STATES AND TERRITORIES.	POPULATION 10 YEARS OF AGE AND OVER.		PERSONS 10 YEARS OF AGE AND OVER ENGAGED IN GAINFUL OCCUPATIONS.		PER CENT OF PERSONS ENGAGED IN GAINFUL OCCUPATIONS OF POPULATION 10 YEARS OF AGE AND OVER.	
	1890	1880	1890	1880	1890	1880
The United States	47,413,550	36,761,607	22,735,661	17,302,009	47.95	47.31
North Atlantic division.....	13,888,377	11,270,090	6,071,460	5,809,722	50.20	47.11
Maine	541,662	519,609	257,096	231,993	47.46	44.64
New Hampshire	315,497	286,188	164,703	142,468	52.20	49.78
Vermont.....	271,173	264,052	128,771	118,584	47.49	44.91
Massachusetts.....	1,839,607	1,432,183	982,444	720,774	53.41	50.33
Rhode Island	281,959	220,461	155,878	110,970	56.35	53.06
Connecticut.....	609,830	497,308	317,014	241,333	51.98	48.53
New York	4,822,992	3,981,428	2,435,725	1,884,045	50.50	47.34
New Jersey.....	1,143,123	865,501	570,738	396,870	49.93	45.85
Pennsylvania.....	4,063,134	3,203,215	1,959,091	1,456,067	48.22	45.46
South Atlantic division.....	6,415,921	5,286,645	3,118,056	2,677,762	48.00	50.66
Delaware	131,667	110,850	64,286	54,580	48.71	49.24
Maryland	798,605	695,364	393,267	324,432	49.24	46.66
District of Columbia.....	188,567	136,907	101,119	66,624	53.02	48.66
Virginia.....	1,211,934	1,059,034	551,830	494,240	45.53	46.67
West Virginia.....	549,538	428,587	223,788	176,199	40.72	41.11
North Carolina.....	1,147,446	959,951	537,863	430,187	46.83	50.02
South Carolina.....	802,496	667,456	440,854	392,102	54.94	58.75
Georgia.....	1,302,208	1,043,840	608,713	597,662	51.35	57.28
Florida	283,250	184,650	136,827	91,536	48.31	49.57
North Central division.....	16,909,613	12,700,841	7,673,838	5,625,123	45.38	44.08
Ohio	2,858,659	2,309,367	1,272,786	994,475	44.52	41.45
Indiana	1,674,028	1,468,095	724,058	635,080	43.25	43.26
Illinois.....	2,907,671	2,269,315	1,353,559	999,780	46.55	44.06
Michigan.....	1,619,035	1,236,686	759,675	569,204	46.92	46.03
Wisconsin.....	1,258,390	965,712	576,290	417,455	45.80	43.23
Minnesota.....	962,350	559,977	469,080	255,125	48.74	45.56
Iowa.....	1,441,308	1,181,641	631,835	528,302	43.84	44.71
Missouri.....	1,995,638	1,557,631	884,379	692,059	44.32	44.49
North Dakota.....	129,452	299,849	67,771	257,844	52.35	57.93
South Dakota.....	236,208		114,093		48.30	
Nebraska.....	771,659	818,271	368,000	152,614	47.70	47.95
Kansas.....	1,055,215	704,297	452,346	322,285	42.87	45.76
South Central division.....	7,799,487	6,076,243	3,635,814	3,022,173	46.62	49.74
Kentucky	1,360,031	1,163,498	590,324	519,854	43.41	44.68
Tennessee	1,276,631	1,062,130	553,753	447,970	43.38	42.18
Alabama.....	1,069,545	851,780	541,602	492,790	50.64	57.85
Mississippi.....	902,028	753,693	462,739	415,506	51.30	55.13
Louisiana.....	794,683	649,070	423,074	363,228	53.24	55.96
Texas.....	1,564,755	1,064,196	698,208	522,133	44.40	49.06
Oklahoma.....	44,701		20,900		46.77	
Arkansas.....	787,113	531,876	347,208	260,692	44.11	49.01
Western division.....	2,400,161	1,367,788	1,336,493	757,819	55.68	55.37
Montana.....	107,811	31,989	72,223	22,255	66.99	69.57
Wyoming.....	47,755	16,479	30,030	8,884	64.14	53.91
Colorado.....	327,896	158,220	191,943	101,251	58.54	63.99
New Mexico.....	112,541	87,966	54,151	40,822	48.12	46.41
Arizona.....	46,076	32,922	26,416	22,271	57.33	67.65
Utah.....	147,227	97,194	66,901	40,055	45.44	41.21
Nevada.....	38,225	50,666	23,415	32,233	61.26	63.62
Idaho.....	62,721	25,005	35,172	15,578	56.08	62.30
Washington.....	275,639	55,720	164,096	30,122	59.75	54.06
Oregon.....	244,374	130,565	126,781	67,343	51.88	51.58
California.....	989,896	681,062	544,165	376,505	54.97	55.28

a Dakota territory.

The largest proportion of the population 10 years of age and over engaged in gainful occupations in 1890 was found in Montana, the second largest in Wyoming, and the third largest in Nevada. In each of these three states over 60 per cent of the population 10 years of age and over in 1890 were at work. In all the remaining states and territories of the Western division, with the exception of New Mexico and Utah, more than 50 per cent of the population 10 years of age and over in 1890 were at work, there being from 55 to 60 per cent in Washington, Colorado, Arizona, and Idaho, and from 50 to 55 per cent in California and Oregon. These large proportions are due to the preponderance of males in this section of the country, and also to the relatively small percentage of females engaged in gainful occupations there, owing partly to the character of its industrial pursuits.

In the North Atlantic division more than one-half of the population 10 years of age and over in 1890 were engaged in gainful occupations in Rhode Island, Massachusetts, New Hampshire, Connecticut, and New York, while in the remaining states of this division from 47 to 50 per cent were so occupied. These large proportions are due to the manufacturing interests in these states, in which large numbers of women and children find employment.

Excluding the District of Columbia, where the large proportion of persons at work is due to the number of women in government offices, there were five states in the South Atlantic and South Central divisions having more than 50 per cent of their population 10 years of age and over in 1890 at work, namely, South Carolina, Louisiana, Georgia, Mississippi, and Alabama.

Of the states of the North Central division, North Dakota was the only one in which more than 50 per cent of the population 10 years of age and over in 1890 were at work.

In the southern states these large proportions are due to the employment of women and children in the fields, while the large proportion in North Dakota is principally due to the same causes stated for the states and territories comprising the Western division.

The proportion of the population 10 years of age and over engaged in gainful occupations in 1890 as compared with 1880 has increased or decreased according to the section of the country considered. In the northern and eastern sections the proportion has generally increased, owing to the large increase in the number of women engaged in gainful occupations in 1890, while in the southern and western sections the proportion has decreased, principally on account of the very much smaller number of children employed in the southern states and the change in the character of the population of the western states, there being a somewhat larger proportion of females in those states in 1890 as compared with 1880.

OCCUPATIONS.

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The following table gives by states and territories the number and percentage of males and females 10 years of age and over engaged in gainful occupations at the censuses of 1880 and 1890:

STATES AND TERRITORIES.	MALE POPULATION 10 YEARS OF AGE AND OVER IN 1880.			MALE POPULATION 10 YEARS OF AGE AND OVER IN 1890.			FEMALE POPULATION 10 YEARS OF AGE AND OVER IN 1880.			FEMALE POPULATION 10 YEARS OF AGE AND OVER IN 1890.		
	Total.	Number and per cent engaged in gainful occupations.		Total.	Number and per cent engaged in gainful occupations.		Total.	Number and per cent engaged in gainful occupations.		Total.	Number and per cent engaged in gainful occupations.	
		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.
The United States.....	24,352,050	18,821,090	77.29	18,735,980	14,744,942	78.70	23,060,900	3,914,571	10.97	18,025,627	2,647,157	14.69
North Atlantic division.....	6,904,566	5,543,041	80.28	5,527,160	4,333,047	78.40	6,083,811	1,428,419	20.45	5,742,630	976,675	17.01
Maine.....	271,787	212,033	78.01	258,587	198,465	76.75	269,875	45,063	16.70	261,082	33,528	12.84
New Hampshire.....	155,928	127,845	81.99	139,807	112,340	80.35	159,509	36,858	23.10	146,381	30,128	20.58
Vermont.....	137,899	108,804	78.90	132,036	102,417	77.57	133,274	19,967	14.98	132,016	16,167	12.25
Massachusetts.....	837,003	719,166	81.07	681,780	546,591	80.17	952,544	263,278	27.64	759,397	174,183	23.21
Rhode Island.....	135,955	113,164	83.24	104,986	87,120	82.98	146,004	42,714	29.26	115,475	29,859	25.86
Connecticut.....	300,075	245,034	81.09	242,592	192,663	79.48	309,155	71,380	23.09	254,911	48,070	19.09
New York.....	2,385,623	1,921,785	80.56	1,950,059	1,524,264	78.17	2,436,770	513,940	21.09	2,031,369	360,381	17.74
New Jersey.....	568,585	459,467	80.81	426,451	330,103	77.41	574,538	111,271	19.37	439,140	66,776	15.21
Pennsylvania.....	2,061,052	1,635,143	79.34	1,591,050	1,239,084	77.83	2,002,082	323,948	16.18	1,612,159	216,983	13.40
South Atlantic division.....	3,178,769	2,431,787	76.50	2,588,035	2,119,492	81.90	3,237,152	686,269	21.20	2,698,610	558,270	20.69
Delaware.....	67,309	53,938	80.13	50,003	40,652	81.30	64,658	10,348	16.00	54,853	7,928	14.45
Maryland.....	392,485	308,515	78.01	341,021	265,632	77.76	406,120	84,752	20.87	353,743	58,800	16.62
District of Columbia.....	88,703	68,692	77.78	63,429	46,960	74.04	99,864	32,127	32.17	73,478	19,058	26.75
Virginia.....	598,677	445,473	74.41	510,305	411,043	79.00	613,257	106,866	17.34	542,639	83,197	15.33
West Virginia.....	202,081	202,081	71.77	217,650	164,691	75.67	267,962	21,707	8.10	210,937	11,608	5.46
North Carolina.....	550,764	422,171	75.42	465,208	303,211	64.51	587,682	115,102	19.60	494,683	89,976	17.58
South Carolina.....	395,466	311,423	78.75	324,364	272,015	83.86	406,040	129,431	31.81	343,092	120,087	35.00
Georgia.....	647,922	508,790	78.53	500,830	445,530	87.39	654,286	159,923	24.44	534,010	153,332	28.53
Florida.....	146,867	110,404	75.17	93,475	73,752	78.90	136,883	26,423	19.37	91,175	17,784	19.51
North Central division.....	8,828,083	6,601,149	75.45	6,684,105	5,088,033	70.12	8,081,530	1,612,689	12.53	6,076,736	637,090	8.84
Ohio.....	1,442,430	1,088,609	75.47	1,209,435	881,836	72.91	1,416,229	184,177	13.00	1,189,932	112,639	9.47
Indiana.....	855,368	639,150	74.72	752,405	583,658	77.57	818,660	84,902	10.37	715,090	51,422	7.18
Illinois.....	1,507,150	1,153,249	76.52	1,178,131	893,079	75.86	1,400,512	200,310	14.30	1,091,184	106,101	9.72
Michigan.....	851,103	663,627	77.97	659,101	514,101	78.01	767,872	95,948	12.50	577,585	55,613	9.62
Wisconsin.....	667,068	495,229	75.27	503,434	371,082	73.71	600,422	81,061	13.50	462,278	46,393	10.04
Minnesota.....	523,342	403,401	77.09	397,440	230,048	74.82	439,008	65,625	14.95	252,528	26,077	9.93
Iowa.....	755,134	551,418	73.02	623,675	483,457	77.52	686,174	80,417	11.72	557,966	44,815	8.04
Missouri.....	1,037,994	771,554	74.33	816,902	630,010	77.12	957,644	112,825	11.78	740,669	62,943	8.50
North Dakota.....	74,442	50,956	68.54	64,343	45,993	71.47	55,010	7,815	14.21	43,506	6,851	15.63
South Dakota.....	133,252	102,635	77.02	104,343	74,993	71.87	102,956	11,458	11.13	85,506	8,851	10.38
Nebraska.....	426,815	325,416	76.24	181,022	142,159	78.53	344,844	42,614	12.37	137,240	10,455	7.62
Kansas.....	503,016	406,839	72.26	388,148	302,934	78.05	492,199	45,507	9.25	310,149	19,351	6.12
South Central division.....	3,977,014	2,973,045	74.74	3,069,750	2,492,259	81.19	3,821,873	662,769	17.34	3,096,487	529,914	17.69
Kentucky.....	680,572	506,046	73.52	586,424	465,432	79.37	670,459	83,378	12.44	577,074	54,422	9.43
Tennessee.....	640,677	478,171	73.85	524,559	401,562	74.65	635,954	80,582	12.67	537,571	56,408	10.49
Alabama.....	531,041	411,027	77.38	414,995	368,734	80.05	537,604	129,975	24.18	437,085	124,050	28.34
Mississippi.....	451,788	337,031	74.80	375,501	305,089	81.24	450,240	124,808	27.72	378,132	110,417	29.20
Louisiana.....	394,815	314,293	79.61	322,004	268,176	83.23	399,868	108,781	27.20	327,066	95,052	29.08
Texas.....	890,783	610,193	73.45	568,928	463,190	81.41	733,972	86,015	11.72	495,268	58,948	11.90
Oklahoma.....	25,811	19,849	76.60	.....	.....	.....	18,890	1,057	5.60	.....	.....	.....
Arkansas.....	412,227	299,035	72.54	278,185	230,076	82.71	374,886	48,178	12.85	253,691	30,616	12.07
Western division.....	1,463,627	1,212,068	82.81	866,924	712,111	82.14	936,534	124,425	13.29	500,804	45,208	9.03
Montana.....	75,596	67,587	89.41	24,558	21,748	88.56	32,215	4,636	14.39	7,431	507	6.82
Wyoming.....	32,675	28,730	87.94	11,950	8,420	70.40	15,080	1,894	12.56	4,529	464	10.25
Colorado.....	202,719	172,796	85.24	110,896	96,472	86.99	125,177	10,147	15.30	47,324	4,779	10.10
New Mexico.....	61,885	50,217	81.15	48,266	38,560	79.89	50,656	3,934	7.77	39,700	2,262	5.70
Arizona.....	29,736	24,847	83.56	24,267	21,800	89.83	16,540	1,669	9.00	8,655	471	5.44
Utah.....	79,747	59,825	75.02	50,580	37,168	73.48	67,480	7,076	10.40	46,614	2,887	6.19
Nevada.....	25,370	21,591	85.10	36,211	30,730	84.86	12,855	1,824	14.19	14,455	1,503	10.40
Idaho.....	40,276	33,278	82.62	17,910	15,387	85.85	22,445	1,894	8.44	7,095	291	4.10
Washington.....	179,905	153,581	85.34	36,085	29,059	80.53	95,674	11,115	11.62	19,635	1,063	5.41
Oregon.....	146,406	115,988	79.22	81,031	64,564	79.08	97,908	10,793	11.02	49,534	2,779	5.61
California.....	589,252	483,622	82.07	425,170	348,303	81.92	400,644	60,543	15.11	255,892	28,202	11.02

a Dakota territory.

The variations in the proportion of males engaged in gainful occupations in the different states and territories are due to several causes. In the extreme western states and territories there is relatively but a small proportion of minors, so that the proportion of males 10 years of age and over at work is very much larger than in other states and territories, and this proportion is only partly equalled in the eastern states, where manufacturing pursuits largely predominate and where relatively large numbers of young persons find employment. In the intervening states, north and south, the proportion is large or small, according to the relative influence of the causes stated.

The largest percentage of males 10 years of age and over at work in 1890 was 89.41 in Montana, followed by 87.94 per cent in Wyoming, 85.34 per cent in Washington, 85.24 per cent in Colorado, 85.10 per cent in Nevada, and 83.56 per cent in Arizona. The first eastern state having a large proportion of males occupied was Rhode Island, which in 1890 had 83.24 per cent of its male population 10 years of age and over at work. This was followed by 82.62 per cent in Idaho and 82.07 per cent in California, which were succeeded by 81.99 per cent in New Hampshire and 81.69 per cent in Connecticut, both in the North Atlantic division. New Mexico, in the Western division, came next, with 81.15 per cent, and was closely followed by three eastern states, namely, Massachusetts with 81.07 per cent, New Jersey with 80.81 per cent, and New York with 80.56 per cent. Besides the above, there were only two states in which more than four-fifths of the male population 10 years of age and over in 1890 were engaged in gainful occupations, these being North Dakota with 80.54 per cent and Delaware with 80.13 per cent.

The remaining states and territories, classified according to the percentage of males 10 years of age and over at work, follow in the order named: 79 per cent—Louisiana, Pennsylvania, Oregon. 78 per cent—Vermont, South Carolina, Maryland, Georgia, Maine. 77 per cent—Michigan, District of Columbia, Alabama, Minnesota, South Dakota. 76 per cent—Oklahoma, Illinois, Nebraska. 75 per cent—Ohio, North Carolina, Wisconsin, Florida, Utah. 74 per cent—Mississippi, Indiana, Virginia, Missouri. 73 per cent—Tennessee, Kentucky, Texas, Iowa. 72 per cent—Arkansas, Kansas. 71 per cent—West Virginia.

The largest proportion of females at work in 1890 was that for the District of Columbia, the females at work there constituting 32.17 per cent of all females 10 years of age and over, due almost wholly to the employment of women in the departments of the national government. The next largest percentages were 31.81 in South Carolina, 29.26 in Rhode Island, 27.72 in Mississippi, 27.64 in Massachusetts, 27.20 in Louisiana, 24.44 in Georgia, 24.18 in Alabama, 23.10 in New Hampshire, 23.09 in Connecticut, 21.09 in New York, and 20.87 in Maryland. There is no other state or territory in which the females at work constituted one-fifth of the total females 10 years of age and over in 1890. These large proportions are readily accounted for by the employment of women and children in the fields in the southern states and in the mills and workshops in the northern states.

The remaining states and territories, classified according to the percentage of females 10 years of age and over at work, follow in the order named: 19 per cent—North Carolina, Florida, New Jersey. 17 per cent—Virginia. 16 per cent—Maine, Pennsylvania, Delaware. 15 per cent—Colorado, California. 14 per cent—Vermont, Minnesota, Montana, Illinois, North Dakota, Nevada. 13 per cent—Wisconsin, Ohio. 12 per cent—Arkansas, Tennessee, Wyoming, Michigan, Kentucky, Nebraska. 11 per cent—Missouri, Iowa, Texas, Washington, South Dakota, Oregon. 10 per cent—Utah, Indiana. 9 per cent—Arizona, Kansas. 8 per cent—Idaho, West Virginia. 7 per cent—New Mexico. 5 per cent—Oklahoma.

Compared with 1880, the proportion of males at work has increased in all the states of the North Atlantic division, but in the South Atlantic and South Central divisions the only increases in the proportion were in Maryland and the District of Columbia. In the North Central division there has been an increase in the proportion of males at work in Ohio, Illinois, Wisconsin, and Minnesota, and in the Western division in all but four states and territories, namely, Colorado, Arizona, Idaho, and Oregon. The only states which do not show an increase in the proportion of females at work in 1890, as compared with 1880, were South Carolina, Georgia, and Florida, in the South Atlantic division, and Alabama, Mississippi, Louisiana, and Texas, in the South Central division. These losses in the proportion of persons of either sex at work are due in the case of males in the northern and western states to the changing character of the population and the nature of the occupations followed there, and in the southern states to the smaller proportion of young persons at work in 1890 as compared with the proportion reported at the preceding census.

The differences in the proportion of children and adults at work at the two censuses named will be more apparent if the proportion of children who were at work in 1890 is compared with the proportion at work in 1880, as shown by the table on the following page.

OCCUPATIONS.

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STATES AND TERRITORIES.	MALE POPULATION 10 TO 14 YEARS OF AGE IN 1890.			MALE POPULATION 10 TO 15 YEARS OF AGE IN 1880.			FEMALE POPULATION 10 TO 14 YEARS OF AGE IN 1890.			FEMALE POPULATION 10 TO 15 YEARS OF AGE IN 1880.		
	Total.	Number and per cent engaged in gainful occupations.		Total.	Number and per cent engaged in gainful occupations.		Total.	Number and per cent engaged in gainful occupations.		Total.	Number and per cent engaged in gainful occupations.	
		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.
The United States.....	3,574,787	400,586	11.21	3,370,114	825,187	24.44	3,458,722	202,427	5.85	3,273,869	293,160	8.96
North Atlantic division.....	842,506	78,087	9.27	881,969	183,377	15.12	824,238	41,148	4.99	871,932	65,362	7.50
Maine.....	31,987	1,822	4.14	30,285	4,087	10.40	30,408	861	2.83	37,893	1,047	4.35
New Hampshire.....	16,410	1,410	8.59	18,401	2,593	14.09	15,908	976	6.14	18,248	1,769	9.37
Vermont.....	10,442	1,004	6.11	20,250	2,598	12.83	15,202	455	2.99	19,408	1,054	5.43
Massachusetts.....	96,093	5,812	6.01	96,260	12,806	12.78	95,535	3,904	4.09	95,982	9,062	9.44
Rhode Island.....	15,918	3,086	19.39	15,435	3,604	23.35	15,960	2,391	14.98	15,412	2,804	18.19
Connecticut.....	33,524	2,034	7.86	35,484	5,803	16.35	32,568	1,693	5.20	35,024	4,010	11.45
New York.....	279,909	22,441	8.02	301,542	38,534	12.78	275,269	14,073	5.11	299,805	22,162	7.39
New Jersey.....	71,861	7,388	10.28	71,152	9,957	13.99	70,904	4,143	5.84	70,581	4,338	6.15
Pennsylvania.....	279,872	32,990	11.79	284,160	53,895	18.97	272,484	12,652	4.64	278,970	18,540	6.65
South Atlantic division.....	595,793	128,848	21.63	542,875	218,274	40.21	578,063	68,452	11.94	521,718	63,348	17.89
Delaware.....	9,560	1,485	15.52	9,802	2,704	27.59	8,684	560	6.30	9,341	810	8.59
Maryland.....	58,420	7,547	12.92	62,851	11,121	17.69	57,600	4,034	7.00	62,291	4,706	7.56
District of Columbia.....	11,217	844	7.52	10,584	617	5.83	11,635	539	4.68	11,035	591	5.28
Virginia.....	112,500	18,515	10.40	110,056	34,741	31.57	108,480	7,873	7.26	106,231	11,858	11.16
West Virginia.....	49,742	3,556	7.15	46,023	9,542	20.97	47,995	1,008	2.23	44,463	1,242	2.79
North Carolina.....	112,621	27,704	24.60	99,429	55,023	55.94	108,894	13,668	12.55	94,266	18,579	20.13
South Carolina.....	85,255	28,416	33.33	71,023	31,765	44.77	80,827	18,939	23.43	69,100	20,113	29.10
Georgia.....	130,642	37,394	28.62	112,126	65,329	58.26	124,019	10,080	8.11	106,451	31,704	30.78
Florida.....	25,824	3,387	13.12	19,181	6,532	34.05	24,710	1,791	7.25	18,594	3,312	17.81
North Central division.....	1,248,364	59,311	4.75	1,207,015	195,070	16.10	1,211,715	28,520	2.35	1,167,641	35,684	3.06
Ohio.....	201,062	9,702	4.83	216,877	31,282	14.42	195,470	4,812	2.46	211,955	7,251	3.42
Indiana.....	123,170	5,087	4.13	143,698	32,628	22.71	119,906	2,225	1.86	139,005	3,550	2.55
Illinois.....	202,051	12,016	5.95	218,800	37,100	17.35	198,625	6,281	3.16	209,572	7,096	3.39
Michigan.....	111,438	5,358	4.80	105,820	11,610	10.97	108,780	2,561	2.35	102,066	3,479	3.41
Wisconsin.....	94,732	4,617	4.87	91,002	10,240	11.25	93,127	2,818	3.03	89,003	3,448	3.87
Minnesota.....	70,094	2,690	3.84	51,887	4,961	9.56	68,545	1,770	2.59	50,608	1,504	2.97
Iowa.....	111,138	4,028	3.62	116,569	17,832	15.30	107,043	1,791	1.67	112,250	2,402	2.19
Missouri.....	160,014	9,561	5.98	158,850	31,662	19.90	155,489	8,643	5.56	153,011	4,763	3.11
North Dakota.....	9,803	490	5.27	7,048	714	10.13	8,326	246	2.95	8,074	170	2.11
South Dakota.....	18,174	804	4.42	29,794	3,816	12.81	56,671	1,060	1.87	27,535	730	2.65
Nebraska.....	59,877	2,539	4.24	72,050	13,225	18.36	82,004	1,003	1.21	66,267	1,222	1.84
Kansas.....	87,311	2,424	2.78	645,400	268,090	41.54	713,605	62,094	8.70	617,325	96,742	15.67
South Central division.....	747,683	127,654	17.07	645,400	268,090	41.54	713,605	62,094	8.70	617,325	96,742	15.67
Kentucky.....	118,395	11,831	9.99	122,520	36,643	29.91	113,987	3,891	3.43	118,040	5,987	4.56
Tennessee.....	119,577	17,309	14.48	114,268	44,292	38.76	113,246	5,820	5.15	109,044	10,056	9.15
Alabama.....	106,742	30,320	28.40	91,698	64,918	70.84	101,780	16,975	16.68	86,428	25,490	29.49
Mississippi.....	93,475	21,023	22.49	83,707	32,330	38.62	89,220	13,180	14.77	76,476	17,562	22.10
Louisiana.....	74,107	19,820	26.76	65,019	24,682	37.96	71,011	12,018	16.78	63,863	20,041	31.38
Texas.....	153,124	15,444	10.09	111,051	36,934	33.26	146,402	5,062	3.46	105,793	10,780	10.20
Oklahoma.....	3,557	155	4.36	57,197	28,300	49.48	3,341	30	0.90	53,781	7,416	13.79
Arkansas.....	78,706	11,743	14.92	98,855	10,367	10.49	136,101	2,213	1.63	95,953	2,063	2.16
Western division.....	140,351	6,686	4.76	98,855	10,367	10.49	136,101	2,213	1.63	95,953	2,063	2.16
Montana.....	4,256	159	3.74	1,375	100	7.27	4,138	68	1.64	1,284	25	1.95
Wyoming.....	2,312	88	3.81	755	67	8.87	2,148	54	2.51	666	25	3.75
Colorado.....	16,848	881	5.23	7,736	815	10.54	15,986	291	1.82	7,480	171	2.28
New Mexico.....	8,028	1,175	14.64	8,327	1,945	23.36	7,470	208	2.78	7,874	252	3.20
Arizona.....	3,005	159	5.29	1,795	205	11.42	2,755	27	0.98	1,404	20	1.44
Utah.....	12,428	611	4.92	10,648	2,292	21.53	12,145	247	2.03	10,322	311	3.01
Nevada.....	2,061	53	2.57	2,887	109	3.77	2,000	14	0.70	2,347	42	1.79
Idaho.....	4,213	150	3.56	1,641	101	6.15	4,043	40	0.99	1,564	17	1.09
Washington.....	14,794	489	3.32	4,648	337	7.25	14,218	218	1.53	4,206	54	1.28
Oregon.....	16,359	542	3.31	11,324	966	8.53	16,139	190	1.18	16,850	103	0.95
California.....	66,107	2,370	3.58	48,210	3,430	7.11	55,059	856	1.55	47,251	1,013	2.14

a Dakota territory.

It will be noticed in the preceding table that, owing to a difference in the classification of ages with respect to occupations at the two censuses, a direct comparison of children at work can not be made. Making allowance for the additional year covered by the figures for 1880, it is apparent that throughout the country there was a very much smaller proportion of children at work in 1890 than in 1880. Out of a total of 3,574,787 males from 10 to 14 years of age in the United States in 1890, there were but 400,586, or 11.21 per cent, reported as engaged in gainful occupations, and out of a total of 3,458,722 females from 10 to 14 years of age in 1890, those at work numbered but 202,427, or 5.85 per cent. At the census of 1880 there were reported 825,187 males 10 to 15 years of age at work, or 24.44 per cent, out of a total of 3,376,114 males between the ages specified, and 293,169 females 10 to 15 years of age at work, or 8.96 per cent, out of a total of 3,273,369 females between the ages specified.

Excluding the children who were at work, and comparing by states and territories the number and percentage of males and females 15 years of age and over at work in 1890 with those 16 years of age and over at work in 1880, the table on the following page is obtained.

STATES AND TERRITORIES.	MALE POPULATION 15 YEARS OF AGE AND OVER IN 1890.			MALE POPULATION 16 YEARS OF AGE AND OVER IN 1890.			FEMALE POPULATION 15 YEARS OF AGE AND OVER IN 1890.			FEMALE POPULATION 16 YEARS OF AGE AND OVER IN 1890.		
	Total.	Number and per cent engaged in gainful occupations.		Total.	Number and per cent engaged in gainful occupations.		Total.	Number and per cent engaged in gainful occupations.		Total.	Number and per cent engaged in gainful occupations.	
		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.
The United States.....	20,777,872	18,420,504	88.65	15,350,866	13,010,755	90.62	19,602,178	3,712,144	18.94	14,752,258	2,353,088	15.96
North Atlantic division.....	6,061,970	5,464,954	90.15	4,645,191	4,100,670	90.41	6,150,573	1,387,271	22.52	4,871,598	911,943	18.71
Maine.....	239,820	210,711	87.86	219,302	194,378	88.63	239,467	44,202	18.46	224,189	31,881	14.23
New Hampshire.....	139,518	126,435	90.62	121,406	109,747	90.40	143,661	35,882	24.98	128,133	28,419	22.18
Vermont.....	121,457	107,800	88.76	111,786	90,819	80.29	118,072	19,512	16.53	112,068	15,113	13.42
Massachusetts.....	790,370	713,354	90.26	585,526	534,285	91.25	857,000	259,374	30.27	654,415	165,121	25.23
Rhode Island.....	120,037	110,078	91.70	89,551	83,510	93.26	130,044	40,323	31.01	100,063	27,055	27.04
Connecticut.....	267,151	243,000	90.96	206,908	186,860	90.31	270,587	60,687	25.20	210,887	44,600	20.31
New York.....	2,105,713	1,899,344	90.20	1,648,517	1,485,730	90.13	2,161,501	409,867	23.13	1,731,504	338,219	19.53
New Jersey.....	496,724	452,079	91.01	355,299	320,146	90.11	503,634	107,128	21.27	398,559	62,438	15.64
Pennsylvania.....	1,781,180	1,602,153	89.95	1,306,896	1,185,189	90.69	1,729,598	311,206	18.00	1,433,180	198,437	14.88
South Atlantic division.....	2,582,976	2,302,939	89.16	2,045,160	1,901,218	92.96	2,664,089	617,817	23.19	2,176,892	404,922	21.30
Delaware.....	57,743	52,453	90.84	46,201	43,048	95.12	55,074	9,782	17.57	45,512	7,088	15.57
Maryland.....	334,059	300,068	90.09	278,770	254,511	91.80	348,520	80,718	23.16	291,512	54,094	18.50
District of Columbia.....	77,486	68,148	87.95	52,845	46,349	87.71	88,220	31,504	35.81	62,443	10,064	16.08
Virginia.....	486,177	426,958	87.82	406,939	376,302	92.01	504,758	98,493	19.51	436,408	71,330	16.35
West Virginia.....	231,834	198,525	85.63	170,727	154,849	90.70	220,057	20,630	9.38	166,474	10,266	6.17
North Carolina.....	447,143	394,407	88.22	365,830	337,588	92.28	478,798	101,524	21.20	400,417	67,997	16.98
South Carolina.....	310,211	283,007	91.23	252,441	210,250	83.33	326,113	110,492	33.88	273,086	90,974	33.29
Georgia.....	517,280	471,896	91.18	397,704	380,201	95.60	630,267	130,043	20.64	427,550	120,628	28.21
Florida.....	121,048	107,017	88.41	74,294	67,220	90.48	111,078	24,032	21.60	72,581	14,472	19.94
North Central division.....	7,579,719	6,601,838	87.10	5,477,090	4,892,903	89.34	6,869,815	984,160	14.33	4,909,005	501,406	10.21
Ohio.....	1,241,368	1,078,907	86.91	992,558	850,554	85.69	1,220,759	170,365	14.69	977,977	105,388	10.78
Indiana.....	732,198	634,069	86.60	608,707	551,030	90.52	698,754	82,677	11.83	576,085	47,872	8.30
Illinois.....	1,305,108	1,141,233	87.44	904,271	856,579	94.73	1,201,887	194,029	16.14	881,012	90,005	11.23
Michigan.....	739,725	658,274	89.09	553,281	502,581	90.84	650,093	93,387	14.17	476,510	51,534	10.84
Wisconsin.....	563,230	490,012	87.11	412,372	360,822	87.50	507,296	78,243	15.42	437,275	42,045	9.60
Minnesota.....	453,248	400,771	88.42	255,562	225,037	88.08	370,403	63,855	17.24	201,925	23,573	11.68
Iowa.....	643,990	547,890	85.00	507,166	465,625	91.82	570,131	78,626	13.80	447,716	42,983	9.61
Missouri.....	877,980	761,993	86.79	658,612	598,354	90.85	802,155	109,182	13.61	587,658	58,180	9.90
North Dakota.....	65,139	59,466	91.29	55,295	54,279	98.14	46,084	7,509	16.21	42,912	4,672	10.97
South Dakota.....	115,078	101,831	88.49	151,228	138,343	91.48	80,136	11,148	13.91	109,714	9,725	8.86
Nebraska.....	306,938	322,877	87.90	316,098	289,709	91.65	288,178	41,584	14.43	240,582	18,129	7.56
Kansas.....	475,705	404,415	85.01	316,098	289,709	91.65	400,295	44,504	11.12	355,791	38,924	10.94
South Central division.....	3,229,981	2,845,391	88.09	2,424,850	2,224,160	91.74	3,108,208	600,075	19.33	2,483,162	433,172	17.45
Kentucky.....	571,177	495,115	86.68	403,904	328,780	81.40	557,072	70,487	12.65	459,014	40,035	8.72
Tennessee.....	521,100	455,862	87.48	410,291	347,270	84.64	522,708	74,753	14.30	427,627	40,352	9.44
Alabama.....	425,199	381,307	89.68	322,457	303,816	94.22	435,818	113,000	25.93	351,257	98,569	28.06
Mississippi.....	358,313	316,908	88.44	291,854	272,750	93.42	361,011	111,628	30.92	298,650	92,855	31.09
Louisiana.....	320,708	294,464	91.82	256,985	243,494	94.75	328,257	96,703	29.48	263,203	75,011	28.50
Texas.....	677,659	594,749	87.77	457,877	426,256	93.00	587,510	80,958	13.78	389,475	48,153	12.60
Oklahoma.....	22,254	10,694	48.05	.....	.....	.....	15,540	1,027	6.60	.....	.....	.....
Arkansas.....	333,521	287,292	86.14	220,988	201,776	91.31	300,343	43,064	14.34	199,910	23,200	11.61
Western division.....	1,323,276	1,205,382	91.09	708,069	701,744	99.10	800,433	122,212	15.27	405,511	43,145	10.64
Montana.....	71,340	67,428	94.52	23,183	21,048	90.87	28,077	4,568	16.27	6,147	482	7.84
Wyoming.....	30,363	28,648	94.35	11,195	8,353	74.01	12,032	1,840	15.33	3,863	430	11.16
Colorado.....	185,871	171,915	92.49	103,160	95,657	92.73	109,191	18,856	17.27	30,898	4,608	14.92
New Mexico.....	53,857	49,042	91.06	39,039	36,015	92.28	43,186	3,726	8.63	31,820	2,010	6.32
Arizona.....	26,731	24,088	90.13	22,472	21,595	96.10	13,585	1,542	11.35	7,161	451	6.30
Utah.....	67,810	59,214	87.32	39,932	34,876	87.34	55,335	6,820	12.34	30,292	2,670	8.81
Nevada.....	23,809	21,538	90.48	13,824	10,621	76.93	10,855	1,810	16.67	12,108	1,491	12.32
Idaho.....	36,063	33,128	91.86	16,269	15,180	93.34	18,402	1,854	10.07	5,531	274	4.95
Washington.....	165,231	153,092	92.66	81,437	78,722	96.56	81,456	10,897	13.38	15,429	1,000	6.54
Oregon.....	130,047	115,446	88.77	69,707	63,588	91.24	81,820	10,603	12.96	38,675	2,076	5.35
California.....	539,145	481,243	89.26	376,951	344,873	91.49	345,585	59,687	17.27	208,641	27,159	13.02

a Dakota territory.

Bearing in mind the slight difference in the age classification, it will be seen that the proportion of males at work in 1890 does not differ materially from the proportion of males at work in 1880, except in some of the southern states, where it is considerably less. The difference in the proportion in these states, which contain a large colored population, is due in great measure to the employment of children in the fields, which was more prevalent in 1880, and also to the fact that owing to the higher age limit at that census there would be necessarily a somewhat larger proportion of the whole number at work. With respect to females, it will be seen that, notwithstanding the lower age limit in 1890, there was, generally speaking, a larger proportion at work in 1890 than in 1880, the only exceptions being South Carolina, Georgia, Alabama, and Mississippi. The very great increase in the number of female workers of all ages during the decade explains the general increase in the proportion of females at work in 1890 as compared with 1880, while the slight decreases in the proportion at work in the four states named are due to the same causes given for the losses in the proportion of males at work in the same section of the country.

The whole number of persons engaged in agriculture, fisheries, and mining in the United States in 1890 was 9,013,336, or 39.65 per cent of all persons engaged in gainful occupations; the number engaged in professional service was 944,333, or 4.15 per cent; in domestic and personal service, 4,360,577, or 19.18 per cent; in trade and transportation, 3,326,122, or 14.63 per cent, and in manufacturing and mechanical industries, 5,091,293, or 22.39 per cent.

The following statement shows the distribution of the whole number of males and females engaged in gainful occupations in 1880 and 1890, according to the number and percentage in each class of occupations:

CLASSES OF OCCUPATIONS.	1890						1880					
	Both sexes.		Males.		Females.		Both sexes.		Males.		Females.	
	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.
All occupations.....	22,735,661	100.00	18,821,090	100.00	3,914,571	100.00	17,892,099	100.00	14,744,942	100.00	2,647,157	100.00
Agriculture, fisheries, and mining.....	9,013,336	39.65	8,333,818	44.28	679,523	17.36	8,004,624	46.03	7,409,970	50.25	594,654	22.46
Professional service.....	944,333	4.15	632,646	3.36	311,687	7.96	603,202	3.47	425,047	2.89	177,255	6.70
Domestic and personal service.....	4,360,577	19.18	2,692,879	14.31	1,667,698	42.60	3,503,443	20.14	2,321,937	15.75	1,181,506	44.63
Trade and transportation.....	3,326,122	14.63	3,097,701	16.46	228,421	5.84	1,866,481	10.73	1,803,029	12.23	62,852	2.38
Manufacturing and mechanical industries.	5,091,293	22.39	4,064,051	21.59	1,027,242	26.24	3,414,249	19.63	2,783,459	18.88	630,890	23.83

In the above table the figures showing the distribution of persons engaged in gainful occupations in 1880, according to the number in each class of occupations, have been readjusted to conform to the classification of occupations used in the census of 1890, as already explained, and they do not agree, therefore, with the totals given in the printed report of the census of 1880.

As compared with 1880, there has been a loss of more than 6 per cent in the proportion of persons engaged in agriculture, fisheries, and mining in 1890, and a loss of very nearly 1 per cent in the proportion of persons engaged in domestic and personal service, while in each of the other classes of occupations there has been a slight increase. Excluding persons engaged in fishing and mining in 1880 and 1890, the figures show that the percentage of persons engaged in agriculture only has decreased from 44.35 in 1880 to 37.63 in 1890, or a relative loss of 6.67 per cent.

There has been proportionately a similar loss in 1890, as compared with 1880, in the percentage of males and females engaged in agriculture, fisheries, and mining and in domestic and personal service, and an increase in each of the other three classes. The larger percentage of persons engaged in domestic and personal service in 1880 than in 1890 can only be explained by the statement that probably the number of "laborers not specified" in 1880 included very many laborers who should have been more properly credited to agriculture and to manufacturing and mechanical industries, particularly as the census of 1870 also showed a smaller proportion of persons in domestic and personal service as compared with 1880.

OCCUPATIONS.

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The following table gives by states and territories the percentages (derived from the figures given in Table 77) of males and females in each class of occupations, respectively, of total males and females 10 years of age and over engaged in gainful occupations in 1890:

STATES AND TERRITORIES.	PER CENT OF MALES IN EACH CLASS OF OCCUPATIONS OF TOTAL MALES 10 YEARS OF AGE AND OVER ENGAGED IN GAINFUL OCCUPATIONS.					PER CENT OF FEMALES IN EACH CLASS OF OCCUPATIONS OF TOTAL FEMALES 10 YEARS OF AGE AND OVER ENGAGED IN GAINFUL OCCUPATIONS.				
	Agriculture, fisheries, and mining.	Profes- sional service.	Domestic and personal service.	Trade and trans- portation.	Manufactur- ing and mechanical industries.	Agriculture, fisheries, and mining.	Profes- sional service.	Domestic and personal service.	Trade and trans- portation.	Manufactur- ing and mechanical industries.
The United States.....	44.28	3.36	14.31	16.40	21.59	17.36	7.96	42.60	5.84	26.24
North Atlantic division.....	22.46	3.48	17.08	21.67	35.31	1.40	7.47	40.38	8.08	42.01
Maine.....	40.01	2.83	12.60	16.44	28.03	3.25	14.11	31.47	5.42	45.75
New Hampshire.....	33.13	2.70	11.29	14.34	38.48	1.69	8.96	25.19	3.88	60.28
Vermont.....	51.05	2.78	10.85	12.71	22.61	3.26	16.26	51.35	3.59	25.54
Massachusetts.....	11.15	3.65	13.87	24.23	47.10	0.36	6.46	32.73	8.46	51.99
Rhode Island.....	10.93	3.05	15.68	21.83	48.46	0.44	4.68	26.12	6.23	62.53
Connecticut.....	19.50	3.06	14.32	18.10	45.02	1.07	6.98	34.89	6.90	50.16
New York.....	20.89	3.08	17.05	25.07	33.01	1.67	7.57	44.14	8.91	37.71
New Jersey.....	15.99	3.40	17.70	24.24	38.67	1.27	6.08	43.30	7.81	41.54
Pennsylvania.....	27.33	3.11	20.31	18.21	31.04	1.92	7.45	44.96	8.20	37.44
South Atlantic division.....	60.32	2.75	11.60	11.98	13.35	36.06	3.73	45.12	2.55	12.54
Delaware.....	34.10	2.79	19.12	15.45	28.54	2.07	6.84	57.10	6.90	26.19
Maryland.....	33.28	3.29	17.65	20.49	25.29	3.22	5.23	56.45	6.78	23.32
District of Columbia.....	2.65	3.25	27.75	34.64	26.71	0.18	5.04	64.06	15.53	15.19
Virginia.....	57.24	2.69	13.14	12.72	14.21	15.73	5.39	63.67	1.76	13.45
West Virginia.....	62.06	3.17	9.61	11.00	13.56	15.00	10.43	53.27	3.38	15.92
North Carolina.....	75.49	2.12	6.89	6.68	8.82	48.31	2.89	36.61	0.55	11.64
South Carolina.....	76.93	1.92	7.17	6.75	7.23	68.34	1.72	22.74	0.55	0.65
Georgia.....	68.32	2.34	9.71	10.43	9.20	44.11	2.54	44.68	1.07	7.60
Florida.....	51.10	3.84	17.64	13.25	14.17	37.01	4.56	47.39	1.54	9.50
North Central division.....	47.42	3.55	13.59	16.16	19.28	7.93	13.29	40.80	7.40	24.58
Ohio.....	38.47	3.84	15.93	16.62	25.14	5.54	10.93	44.47	7.03	31.13
Indiana.....	50.41	3.77	13.79	13.62	18.41	9.83	12.27	45.98	6.22	25.70
Illinois.....	38.46	3.58	15.19	19.70	23.07	6.45	10.96	46.40	9.71	26.48
Michigan.....	45.57	3.08	10.11	14.46	20.78	6.36	13.60	47.21	7.59	25.24
Wisconsin.....	47.69	2.73	14.78	12.89	21.91	7.32	13.24	47.87	5.91	25.06
Minnesota.....	47.49	3.48	14.37	16.90	17.76	5.83	13.27	55.95	6.51	18.44
Iowa.....	53.45	3.44	9.60	15.17	13.34	10.06	23.38	41.06	5.51	19.99
Missouri.....	50.84	3.62	11.80	17.12	16.62	11.01	10.19	49.89	7.66	21.85
North Dakota.....	71.04	3.24	7.35	10.85	6.62	10.54	14.24	62.38	2.23	10.61
South Dakota.....	67.65	3.52	8.02	12.14	8.67	12.31	20.79	49.56	3.39	13.95
Nebraska.....	51.35	3.78	11.01	18.24	14.72	8.11	10.90	48.14	8.27	18.49
Kansas.....	61.42	4.14	8.66	14.45	11.33	14.75	18.90	41.30	6.16	18.33
South Central division.....	68.05	2.92	9.71	10.24	9.08	48.87	4.13	37.20	1.65	8.06
Kentucky.....	61.98	3.13	10.25	11.43	13.16	14.24	7.21	55.54	3.84	19.17
Tennessee.....	66.16	3.17	9.19	11.02	10.46	29.55	5.54	51.95	2.21	10.75
Alabama.....	72.85	2.23	8.46	8.60	7.86	62.31	2.13	29.73	0.71	5.12
Mississippi.....	80.11	2.24	6.36	6.46	4.83	71.60	2.62	22.05	0.40	2.64
Louisiana.....	59.95	2.29	16.30	12.24	10.22	50.99	2.01	35.71	1.93	8.76
Texas.....	65.25	3.64	10.40	12.33	8.38	39.73	6.86	43.26	2.12	8.03
Oklahoma.....	68.60	4.25	6.77	10.20	10.18	29.42	16.40	35.38	4.74	14.00
Arkansas.....	76.39	2.93	6.94	7.15	6.59	57.97	3.98	32.44	1.01	4.60
Western division.....	36.28	4.08	22.29	18.53	18.82	5.63	14.05	48.40	7.02	24.30
Montana.....	37.86	3.39	26.12	16.60	16.03	4.23	13.07	57.87	4.83	20.00
Wyoming.....	36.72	3.32	24.95	18.00	15.01	3.85	13.20	61.51	4.54	16.90
Colorado.....	33.88	4.32	18.30	22.44	20.46	3.63	12.39	53.77	9.19	21.02
New Mexico.....	52.15	2.77	28.54	9.76	6.78	10.70	8.29	64.08	1.93	15.00
Arizona.....	41.96	3.73	29.07	14.92	9.72	6.44	10.64	60.62	2.10	20.20
Utah.....	39.30	3.57	20.12	17.63	10.38	8.10	10.01	49.43	7.63	24.33
Nevada.....	48.19	3.38	20.66	15.06	12.41	7.24	18.09	50.66	3.12	20.89
Idaho.....	55.93	3.02	17.39	12.84	10.82	10.67	15.86	49.10	4.49	20.38
Washington.....	30.79	4.30	23.30	18.51	22.51	5.87	14.51	50.37	7.60	21.62
Oregon.....	43.18	4.32	18.83	15.98	17.69	8.34	17.78	43.50	7.77	22.61
California.....	32.67	4.32	22.77	19.82	20.42	5.04	14.60	44.53	8.16	27.53

In Massachusetts, Rhode Island, and Connecticut the males engaged in manufacturing and mechanical industries in 1890 constituted very nearly one-half of all males in gainful occupations, the exact percentages being 47.10 for Massachusetts, 48.46 for Rhode Island, and 45.02 for Connecticut. In New Hampshire the males in manufacturing and mechanical industries constituted 38.48 per cent and in New Jersey the same class constituted 38.67 per cent, while in New York they constituted 33.01 per cent and in Pennsylvania 31.04 per cent. In 24 states and territories in 1890 the males engaged in agriculture, fisheries, and mining constituted more than one-half of all males in gainful occupations in the order named, the percentage following the name of the state in each case: Mississippi, 80.11; South Carolina, 76.93; Arkansas, 76.39; North Carolina, 75.49; Alabama, 72.85; North Dakota, 71.94; Oklahoma, 68.60; Georgia, 68.32; South Dakota, 67.65; Tennessee, 66.16; Texas, 65.25; West Virginia, 62.66; Kentucky, 61.98; Kansas, 61.42; Louisiana, 58.95; Iowa, 58.45; Virginia, 57.24; Idaho, 55.93; New Mexico, 52.15; Nebraska, 51.35; Florida, 51.10; Vermont, 51.05; Missouri, 50.84; Indiana, 50.41. These states and territories comprise all in the South Central division, all but Delaware, Maryland, and the District of Columbia in the South Atlantic division, and all but Ohio, Illinois, Michigan, Wisconsin, and Minnesota in the North Central division. In the North Atlantic division there was but one state, Vermont, and in the Western division but one state, Idaho, and one territory, New Mexico, in which the males engaged in agriculture, fisheries, and mining constituted more than 50 per cent of all males at work.

Of the females engaged in gainful occupations in 1890, by far the greater proportion were found in domestic and personal service in a large majority of the states and territories. This was not the case in several states of the North Atlantic division, where those engaged in manufacturing and mechanical industries constituted the larger percentage of all females at work. Of these states the largest percentage of females in manufacturing and mechanical industries was 62.53 in Rhode Island, followed by 60.28 per cent in New Hampshire, 51.99 per cent in Massachusetts, 50.16 per cent in Connecticut, and 45.75 per cent in Maine. In the same way, in a few of the southern states the larger percentage of females were engaged in agriculture, fisheries, and mining, as follows: 71.60 per cent in Mississippi, 68.34 per cent in South Carolina, 62.31 per cent in Alabama, 57.97 per cent in Arkansas, 50.99 per cent in Louisiana, and 48.31 per cent in North Carolina.

Of the whole number of persons engaged in gainful occupations in 1890, the males constituted 82.78 per cent and the females 17.22 per cent. The following statement shows the percentage of males and females in each class of occupations in 1890:

CLASSES OF OCCUPATIONS.	Males.	Females.
	Per cent.	Per cent.
All occupations.....	82.78	17.22
Agriculture, fisheries, and mining.....	92.46	7.54
Professional service.....	66.99	33.01
Domestic and personal service.....	61.76	38.24
Trade and transportation.....	93.13	6.87
Manufacturing and mechanical industries.....	79.82	20.18

The following table shows the number and percentage of increase in persons of each sex engaged in gainful occupations and in each class of occupations since 1880:

SEX AND CLASSES OF OCCUPATIONS.	INCREASE FROM 1880 TO 1890.		SEX AND CLASSES OF OCCUPATIONS.	INCREASE FROM 1880 TO 1890.	
	Number.	Per cent.		Number.	Per cent.
All occupations.....	5,343,562	30.72	Domestic and personal service.....	857,134	24.47
Males.....	4,076,148	27.64	Males.....	370,942	15.98
Females.....	1,267,414	47.88	Females.....	486,192	41.15
Agriculture, fisheries, and mining.....	1,008,712	12.60	Trade and transportation.....	1,459,641	78.20
Males.....	923,843	12.47	Males.....	1,294,072	71.75
Females.....	84,869	14.27	Females.....	165,569	263.43
Professional service.....	341,131	56.55	Manufacturing and mechanical industries.....	1,676,944	49.11
Males.....	206,609	48.53	Males.....	1,280,592	46.61
Females.....	134,432	75.84	Females.....	396,352	62.82

As shown by the preceding table, there has been an increase since 1880 of 5,343,562 persons engaged in gainful occupations, or 30.72 per cent. This shows a slightly larger percentage of increase of persons engaged in gainful occupations than that of the population 10 years of age and over, which during the same period increased 28.98 per cent. There has been an increase since 1880 of 4,076,148 males engaged in gainful occupations, or 27.64 per cent, and of 1,267,414 females, or 47.88 per cent, as compared with an increase during the decade of 29.98 per cent in the male population 10 years of age and over and of 27.93 per cent in the female population 10 years of age and over.

Persons engaged in agriculture, fisheries, and mining have increased since 1880 to the number of 1,008,712, or 12.60 per cent, the percentage of increase for females exceeding slightly that of males. Persons engaged in professional service have increased 56.55 per cent since 1880, and those in domestic and personal service 24.47 per cent; in both of these classes the percentage of increase for females is largely in excess of that for males. Persons engaged in trade and transportation have increased 78.20 per cent since 1880, the percentage of increase for females being especially large, or 263.43, principally due to the large increase in the number of females employed as bookkeepers, clerks, stenographers, typewriters, and saleswomen. Persons engaged in manufacturing and mechanical industries have increased 49.11 per cent since 1880, the percentage of increase for males being 46.01 and the percentage of increase for females 62.82.

PROGRESS OF THE NATION.

The following table shows the number and percentage of increase of persons 10 years of age and over engaged in gainful occupations from 1880 to 1890 in each state and territory, contrasted with the percentage of increase of the population 10 years of age and over during the same period:

STATES AND TERRITORIES.	NUMBER OF PERSONS 10 YEARS OF AGE AND OVER ENGAGED IN GAINFUL OCCUPATIONS.		INCREASE IN PERSONS 10 YEARS OF AGE AND OVER ENGAGED IN GAINFUL OCCUPATIONS FROM 1880 TO 1890.		Per cent of increase in population 10 years of age and over from 1880 to 1890.
	1890	1880	Number.	Per cent.	
The United States.....	22,735,661	17,392,000	5,343,562	30.72	23.98
North Atlantic division.....	6,971,460	5,609,722	1,661,738	21.30	23.23
Maine.....	257,056	231,593	25,103	10.82	4.23
New Hampshire.....	164,703	142,468	22,235	15.61	10.24
Vermont.....	123,771	118,584	10,187	8.59	2.70
Massachusetts.....	982,444	720,774	261,670	36.30	28.45
Rhode Island.....	155,878	116,979	38,899	33.25	27.90
Connecticut.....	317,014	241,333	75,681	31.36	22.03
New York.....	2,435,725	1,884,045	551,080	29.24	21.12
New Jersey.....	570,728	396,879	173,859	43.81	32.07
Pennsylvania.....	1,659,091	1,456,067	503,024	34.55	26.85
South Atlantic division.....	3,118,056	2,677,762	440,294	16.44	21.36
Delaware.....	64,286	54,580	9,706	17.78	19.04
Maryland.....	393,267	324,432	68,835	21.22	14.85
District of Columbia.....	101,119	66,624	34,485	51.78	37.73
Virginia.....	551,839	494,240	57,599	11.65	14.44
West Virginia.....	223,788	170,199	47,589	27.91	28.22
North Carolina.....	537,263	480,187	57,176	11.91	19.53
South Carolina.....	440,854	392,102	48,752	12.43	20.22
Georgia.....	668,713	597,862	70,851	11.85	24.75
Florida.....	136,827	91,536	45,231	49.48	53.40
North Central division.....	7,673,838	5,625,123	2,714,842	48.26	32.51
Ohio.....	1,272,786	994,475	944,475	27.99	19.14
Indiana.....	724,053	635,080	88,978	14.01	14.03
Illinois.....	1,353,559	999,780	353,779	35.39	28.13
Michigan.....	759,575	569,204	190,379	33.45	30.92
Wisconsin.....	576,290	417,455	158,835	38.05	30.31
Minnesota.....	469,686	255,125	213,916	83.87	71.86
Iowa.....	631,835	528,302	103,533	19.60	21.98
Missouri.....	884,379	692,959	191,420	27.62	28.12
North Dakota.....	181,864	157,844	24,020	21.40	260.21
South Dakota.....	368,060	152,614	215,446	141.17	142.45
Nebraska.....	452,346	322,285	130,061	40.36	49.83
South Central division.....	3,635,814	3,022,173	592,735	19.61	28.36
Kentucky.....	590,324	519,834	70,470	13.56	16.89
Tennessee.....	553,753	417,970	135,783	23.61	20.20
Alabama.....	541,002	492,799	48,812	9.91	25.57
Mississippi.....	462,739	415,506	47,233	11.37	19.68
Louisiana.....	423,074	363,228	59,846	16.48	22.43
Texas.....	666,208	522,133	174,075	33.34	47.04
Oklahoma.....	20,906				
Arkansas.....	347,208	260,602	86,510	33.19	47.99
Western division.....	1,330,493	757,319	596,810	78.81	75.48
Montana.....	72,223	22,255	40,068	224.52	237.03
Wyoming.....	30,630	8,884	21,746	244.78	189.79
Colorado.....	191,943	101,251	90,692	89.57	107.24
New Mexico.....	54,151	40,822	13,329	32.05	27.94
Arizona.....	26,416	22,271	4,145	18.61	39.96
Utah.....	66,001	40,055	25,946	67.02	51.48
Nevada.....	23,415	32,233	8,818	27.30	24.55
Idaho.....	35,172	15,578	19,594	125.78	150.83
Washington.....	164,696	30,122	134,574	446.76	394.69
Oregon.....	126,781	67,343	59,438	88.26	87.17
California.....	544,165	376,505	167,660	44.53	45.35

a Dakota territory.

The preceding table confirms the statement already made as to the difference in the proportion of persons at work in 1890 as compared with that for 1880 in certain states and territories, and shows very clearly the influence of the manufacturing interests in the eastern and northern states, the changing character of the population of the western states, and the very great loss in the proportion of children at work in the southern states.

In all the states of the North Atlantic division the increase in persons engaged in gainful occupations since 1880 has been larger than that of the population 10 years of age and over. This is also true with respect to the states in the North Central division east of the Mississippi river, with the exception of Indiana, where the percentages of increase were practically the same. In Iowa, Missouri, the Dakotas, and Nebraska the increase in the population 10 years of age and over was only slightly larger than that of persons engaged in gainful occupations, but in Kansas there was an increase of nearly 50 per cent in the population 10 years of age and over as compared with an increase of only 40 per cent in persons at work. In the Western division there was a larger percentage of increase in the population 10 years of age and over in Montana, Colorado, Arizona, Idaho, and California, while in the remaining states and territories of this division the percentage of increase in persons at work was the larger. Maryland (excluding the District of Columbia), in the South Atlantic division, and Tennessee, in the South Central division, were the only southern states where the increase in persons at work was larger than the increase in the population 10 years of age and over.

As already stated, the statistics of occupations at the census of 1850 related to free males over 15 years of age, and at the census of 1860 to free persons over 15 years of age, the results being printed in each case in an alphabetical list only. At the censuses of 1870 and 1880 the statistics of occupations related to all persons 10 years of age and over by sex, and were arranged according to four general classes. At the census of 1890 the statistics of occupations comprehended all persons 10 years of age and over by sex, and were classified under certain general heads, following mainly the plan of 1870 and 1880, but with certain changes and modifications, as previously explained.

The differences in the designations of occupations at each of the preceding censuses as compared with the classification used at the census of 1890, and in those cases where two or more designations were given at any of the preceding censuses to denote occupations which in 1890 were embodied under a single designation, are noted in the subjoined statement. In certain cases, also, it was necessary to combine two or more of the designations used in 1890, in order to make them comparable, so far as possible, with the designations used at one or more of the preceding censuses. These consolidations in 1890 in most cases are apparent from the wording, as miners, professors and teachers, merchants and dealers, and the like, but wherever the designation used in 1890 is not fully descriptive of all the occupation designations which have been so combined, the necessary explanation is given in a footnote. In the column showing the difference in designations at preceding censuses, space has been economized for certain occupation designations by using but once any word common to many designations, which, wherever so used, is followed by its qualifying word, either noun or adjective, as the case may be, as "1850—* * * dealers—cattle; horse; ice; * * * " under "Merchants and dealers", meaning cattle dealers, horse dealers, ice dealers, etc., or "1870—officials of—banks; companies (not specified); express companies; * * * " under "Officials of banks, and of insurance, trade, transportation, trust, and other companies", meaning officials of banks, officials of companies (not specified), officials of express companies, etc. In the appended statement each separate occupation designation, if more than one for any census year, is followed by a semicolon, and in those cases where an abbreviated form is used, as just explained, each qualifying word denoting a separate occupation designation is followed by a semicolon, and the concluding word or words preceded by "and" to indicate the end of that particular class of abbreviated designations. With this preliminary explanation, there should be no difficulty in comprehending the plan of the detailed statement which follows.

DIFFERENCES IN DESIGNATIONS OF OCCUPATIONS: 1850 TO 1890.

OCCUPATION DESIGNATIONS IN 1890.	DIFFERENCE IN DESIGNATIONS AT PRECEDING CENSUSES.
AGRICULTURE, FISHERIES, AND MINING.	
Agricultural laborers.....	1860—Farm laborers.
Dairymen and dairywomen.....	1850—Dairymen and milkmen. 1860—Dairymen.
Farmers, planters, and overseers.....	1850 and 1860—Farmers; planters. 1870 and 1880—Farm and plantation overseers; farmers and planters.
Fishermen and oystermen.....	1850—Fishermen; oystermen. 1860—Fishermen; oystermen; whalemén.
Gardeners, florists, nurserymen, and vine growers....	1850—Gardeners and florists; marketmen; nurserymen. 1860—Florists; gardeners and nurserymen; horticulturists; marketmen; vine dressers; vine growers. 1870—Florists; gardeners and nurserymen; vine growers. 1880—Florists; gardeners, nurserymen, and vine growers.
Lumbermen and raftsmen.....	1850 and 1860—Lumbermen.
Miners.....	1850 and 1860—Colliers; miners.
Stock raisers, herders, and drovers.....	1850—Drovers; herdsmen, graziers, and rancheros. 1860—Drovers; graziers; herdsmen; rancheros; shearers; shepherds; wild-horse catchers. 1870 and 1880—Stock drovers; stock herders; stock raisers.
Wood choppers.....	1850 and 1860—Wood corders; wood cutters.
Other agricultural pursuits.....	1850—Turpentine makers. 1860—Thrashers; turpentine makers. 1870—Turpentine farmers; turpentine laborers. 1880—Turpentine farmers and laborers; others in agriculture.
PROFESSIONAL SERVICE.	
Artists and teachers of art.....	1850 and 1860—Artists; sculptors. 1870—Artists (not specified); painters; sculptors; teachers of drawing and painting.
Authors and literary and scientific persons.....	1850—Authors. 1860—Astrologists; astronomers; authors; explorers; geologists; librarians; naturalists; translators. 1870—Authors and lecturers; librarians; naturalists; translators. 1880—Authors, lecturers, and literary persons.
Chemists, assayers, and metallurgists.....	1850—Chemists. 1860—Assayers; chemists. 1870—Chemists (practicing); metallurgists.
Designers, draftsmen, and inventors.....	1850 and 1860—Draftsmen. 1870—Designers and draftsmen; inventors.
Engineers (civil, mechanical, electrical, and mining) and surveyors.	1850—Civil engineers; surveyors. 1860—Civil and mechanical engineers; electricians. 1870—Engineers (civil); land surveyors. 1880—Engineers (civil).
Journalists.....	1850 and 1860—Editors; reporters.
Lawyers.....	1860—Conveyancers; judges; lawyers; notaries public.
Musicians and teachers of music.....	1850—Musicians; music teachers. 1860—Musicians (vocal and instrumental); music teachers. 1870—Musicians (professional); teachers of music. 1880—Musicians (professional) and teachers of music.
Officials (government).....	1850—City, county, and town officers; United States and state officers. 1860—Inspectors; officers (public); United States officers.
Physicians and surgeons.....	1850—Oculists; physicians; surgeons. 1860—Chiropodists; cuppers; oculists; physicians; surgeons. 1870—Chiropodists; physicians and surgeons.
Professors and teachers.....	1850 and 1860—Professors; teachers. 1870—Teachers (not specified). 1880—Teachers and scientific persons.
Theatrical managers, showmen, etc.....	1850—Showmen. 1860—Horse trainers; riding masters; showmen; ventriloquists. 1870—Showmen and showwomen. 1880—Showmen and employes of shows.
Veterinary surgeons.....	1850 and 1860—Veterinarians.
Other professional service.....	1860—Dancing masters. 1870—Teachers of dancing.
DOMESTIC AND PERSONAL SERVICE.	
Barbers and hairdressers.....	1850 and 1860—Barbers.
Boarding and lodging house keepers.....	1850 and 1860—Boarding house keepers.
Engineers and firemen (not locomotive).....	1850—Engineers; firemen. 1860—Firemen. 1870 and 1880—Engineers and firemen.
Hotel keepers.....	1850 and 1860—Innkeepers.
Hunters, trappers, guides, and scouts.....	1850—Hunters, trappers, and rangers. 1860—Gunnars; hunters; interpreters; trappers. 1870—Hunters and trappers; Indian scouts, guides, and interpreters.
Laborers (not specified).....	1850—Laborers; pavers; stevedores. 1860—Cellar diggers; cistern builders; house movers; laborers; pavers; stevedores; well diggers. 1870—Ice cutters; laborers (not specified); laborers (trade and transportation); lamp-lighters. 1880—Employes in warehouses; laborers (not specified).
Launderers and laundresses.....	1860—Laundresses.
Nurses and midwives.....	1860, 1870, and 1880—Nurses; midwives.

OCCUPATIONS.

XCV

DIFFERENCES IN DESIGNATIONS OF OCCUPATIONS: 1850 TO 1890—Continued.

OCCUPATION DESIGNATIONS IN 1890.	DIFFERENCE IN DESIGNATIONS AT PRECEDING CENSUSES.
DOMESTIC AND PERSONAL SERVICE—continued.	
Restaurant and saloon keepers and bartenders	1850—Barkeepers. 1860—Barkeepers; billiard saloon keepers; bowling saloon keepers; saloon keepers. 1870—Barkeepers; billiard and bowling saloon keepers and employes; restaurant keepers. 1880—Billiard and bowling saloon keepers and employes; restaurant keepers; saloon keepers and bartenders.
Servants (a)	1860—Cooks; domestics; housekeepers; matrons; servants; stewards. 1870 and 1880—Domestic servants; employes of hotels and restaurants (not clerks); stewards and stewardesses.
Soldiers, sailors, and marines (United States)	1850—Soldiers. 1870—Marines (U. S.); sailors (U. S.); soldiers (U. S.).
Watchmen, policemen, and detectives	1850—Watchmen. 1860—Watchmen and messengers. 1880—Watchmen (private) and detectives.
Other domestic and personal service	1850—Chimney sweeps; feather dressers. 1860—Bathroom keepers; bill posters; bootblacks; chimney sweeps; feather dressers; scavengers; submarine divers. 1870—Bath house keepers; bill posters; bootblacks; chimney sweeps; employes of government; scavengers. 1880—Employes of charitable institutions; employes of government (not clerks); others in professional and personal services.
TRADE AND TRANSPORTATION.	
Agents (claim, commission real estate, insurance, etc.) and collectors.	1850—Agents; collectors. 1860—Agents; collectors; cotton samplers; insurance agents; intelligence agents; real estate agents; samplers. 1870—Agents; claim agents; intelligence office keepers; traders and dealers in real estate. 1880—Agents (not specified); collectors and claim agents; traders and dealers in real estate.
Bankers and brokers (b)	1850—Bankers; brokers; pawnbrokers. 1860—Bankers; brokers; cotton brokers; pawnbrokers; speculators. 1870—Bankers and brokers of money and stocks; pawnbrokers. 1880—Bankers and brokers (money and stocks); brokers (commercial).
Boatmen and canalmen	1850—Boatmen. 1860—Boatmen; canalmen; ferrymen. 1870 and 1880—Boatmen and watermen; canalmen.
Bookkeepers, clerks, and salesmen (c)	1850—Clerks. 1860—Bookkeepers; card writers; clerks. 1870—Bookkeepers and accountants in stores; card writers; clerks and bookkeepers in—banks; express companies; insurance offices; manufacturing establishments; railroad offices; and telegraph offices; clerks and copyists; clerks in—government offices; hotels and restaurants; and stores; salesmen and saleswomen; shorthand writers. 1880—Bookkeepers and accountants in stores; clerks and bookkeepers in—banks; express companies; insurance offices; manufacturing establishments; railroad offices; and telegraph offices (estimated for 1880); clerks and copyists (not otherwise described); clerks in—government offices; hotels and restaurants; and stores; salesmen and saleswomen.
Draymen, hackmen, teamsters, etc.	1850—Carters; drivers; muleteers; teamsters. 1860—Carters; draymen; drivers; expressmen; stage proprietors; teamsters.
Foremen and overseers	1850—Overseers. 1860—Overseers; wharfingers.
Hostlers	1850 and 1860—Ostlers.
Hucksters and peddlers	1850—Peddlers. 1860 and 1870—Hucksters; peddlers.
Merchants and dealers	1850—Apothecaries and druggists; booksellers and stationers; clothiers; dealers—cattle; horse; ice; paper; produce and provision; wine and liquor; wood; wool; and not specified; fruiterers; furriers; grocers; hosiers; jewelers; merchants; music sellers; opticians; refectory keepers; storekeepers; toymen; traders. 1860—Booksellers and stationers; clothiers; commission merchants; dealers—cattle; coal; coal oil; fancy goods; fish; flour; furniture; grain; hardware; horse; ice; junk; leather; lime; oil; paper; pork; produce; provision; shoe; stock; stove; tea; wine and liquor; wood; wool; and not specified; druggists; fruiterers; furniture merchants; furriers; grocers; hosiers; importers; jewelers; lumber merchants; merchants; milkmen; music sellers; negro traders; opticians; refectory keepers; seedsmen; ship chandlers; shipping merchants; stationers; storekeepers; taxidermists; traders. 1870—Milkmen and milkwomen; traders and dealers in—agricultural implements; books and stationery; boots and shoes; cabinet ware; cigars and tobacco; clothing; cloths and textile fabrics; coal; coal and wood; cotton; crockery, china, and stone ware; dry goods; drugs and medicines; gold and silver ware and jewelry; groceries; hats and caps; ice; iron, tin, and copper ware; leather, hides, and skins; lime; liquors and wines; live stock; lumber; machinery (not specified); music and musical instruments; newspapers and periodicals; oils, paints, and turpentine; optical instruments; produce; provisions; sewing machines; and not specified. 1880—Milkmen and milkwomen; traders and dealers in—agricultural imple-

a Includes housekeepers and stewards.

b Includes commercial brokers.

c Includes stenographers and typewriters.

DIFFERENCES IN DESIGNATIONS OF OCCUPATIONS: 1850 TO 1890—Continued.

OCCUPATION DESIGNATIONS IN 1890.	DIFFERENCE IN DESIGNATIONS AT PRECEDING CENSUSES.
TRADE AND TRANSPORTATION—continued.	
Messengers and errand and office boys.....	1870 and 1880—Messengers.
Newspaper carriers and newsboys.....	1850 and 1860—Newsmen. 1870 and 1880—Newspaper criers and carriers.
Officials of banks and of insurance, trade, transportation, trust, and other companies.	1850—Bank and insurance officers. 1860—Bank officers; commissioners. 1870—Officials of—banks; companies (not specified); express companies; insurance companies; mining companies; railroad companies; street railway companies; telegraph companies; and trading and transportation companies (not specified). 1880—Officials of—banks; express companies (a); insurance companies; railroad companies; street railway companies (a); telegraph companies (a); telephone companies (a); and trading and transportation companies (not specified) (a).
Packers and shippers.....	1850 and 1860—Packers. 1870—Mule packers; packers; shippers and freighters. 1880—Packers; shippers and freighters.
Porters and helpers (in stores and warehouses).....	1850—Porters and carriers. 1860—Carriers; porters. 1870—Porters in stores and warehouses. 1880—Porters and laborers in stores and warehouses.
Sailors.....	1850—Mariners. 1860—Mariners; sailing masters; ship masters.
Steam railroad employes (b).....	1850 and 1860—Railroad men. 1870 and 1880—Employes of railroad companies (not clerks).
Street railway employes.....	1870—Employes of street railway companies (not clerks). 1880—Employes of street railway companies (a).
Telegraph and telephone operators.....	1850 and 1860—Telegraph operators. 1880—Employes of telegraph companies (a); employes of telephone companies (a).
Weighers, gaugers, and measurers.....	1860—Gaugers, weighers, and measurers.
Other persons in trade and transportation.....	1850—Gate keepers; rag collectors. 1860—Express riders; gate keepers; rag collectors; steamboat men. 1870—Employes of—banks (not clerks); companies (not specified); express companies (not clerks); insurance companies (not clerks); and trading and transportation companies (not specified); rag pickers; steamboat men and women; tollgate and bridge keepers; wreckers. 1880—Employes of—banks (not clerks); express companies (not clerks) (a); insurance companies (not clerks); and trading and transportation companies (not specified) (a); rag pickers; steamboat men and women; tollgate and bridge keepers; others in trade and transportation.
MANUFACTURING AND MECHANICAL INDUSTRIES.	
Agricultural implement makers (not otherwise classified).	1850, 1860, 1870, and 1880—Agricultural implement makers.
Apprentices.....	1870—Apprentices—in stores; to barbers; to dentists; to learned professions; and not specified. 1880—Apprentices to trades.
Blacksmiths.....	1850—Black and white smiths; farriers; spring makers. 1860—Axle makers; blacksmiths; farriers; spring makers; whitesmiths. 1870—Blacksmiths; spring and axle makers.
Bleachers, dyers, and scourers.....	1850—Dyers and bleachers; scourers. 1860—Bleachers; dyers and scourers.
Bone and ivory workers.....	1850 and 1860—Comb makers. 1870—Bone and ivory workers; comb makers.
Bookbinders.....	1860—Bookbinders; book and document folders. 1870 and 1880—Bookbinders and finishers.
Boot and shoe makers and repairers.....	1850—Cordwainers; shoe binders. 1860—Shoe binders; shoemakers. 1870 and 1880—Boot and shoe makers.
Bottlers and mineral and soda water makers.....	1850—Bottlers; mineral water manufacturers. 1860—Bottlers; mineral water makers. 1870—Mineral water makers. 1880—Bottlers and mineral water makers.
Box makers.....	1870 and 1880—Box factory operatives.
Brass workers (not otherwise specified).....	1850—Bell and brass founders; brass and composition workers. 1860—Bell founders; brass founders; brass workers. 1870—Bell founders; brass founders and workers. 1880—Brass founders and workers.
Brewers and maltsters.....	1850—Brewers and distillers.
Brick and tile makers and terra cotta workers.....	1850—Brickmakers. 1860—Brickmakers; tile makers; 1870 and 1880—Brick and tile makers.

a Estimated.

b Includes locomotive engineers and firemen.

DIFFERENCES IN DESIGNATIONS OF OCCUPATIONS: 1850 TO 1890—Continued.

OCCUPATION DESIGNATIONS IN 1890.	DIFFERENCE IN DESIGNATIONS AT PRECEDING CENSUSES.
MANUFACTURING AND MECHANICAL INDUSTRIES—continued.	
Britannia workers.....	1870 and 1880—Britannia and japanned ware makers.
Broom and brush makers.....	1850 and 1860—Broom makers; brush makers.
Builders and contractors.....	1850—Bridge and dock builders; builders; contractors. 1860—Bridge builders; builders; contractors; dock builders; house framers. 1870—Bridge builders and contractors; builders and contractors (not specified); house builders and contractors; railroad builders and contractors. 1880—Bridge builders and contractors; builders and contractors (not specified); railroad builders and contractors.
Butter and cheese makers.....	1870 and 1880—Cheese makers.
Button makers.....	1870 and 1880—Button factory operatives.
Cabinet makers.....	1850—Cabinet and chair makers.
Candle, soap, and tallow makers.....	1850 and 1860—Chandlers.
Carpenters and joiners.....	1850—Carpenters; joiners. 1860—Carpenters; joiners; stair builders.
Carriage and wagon makers (not otherwise classified).....	1850—Coach makers; wagon makers. 1860—Coach makers; felloe makers; sleigh makers; wagon makers. 1870 and 1880—Carriage and wagon makers.
Charcoal, coke, and lime burners.....	1850 and 1860—Charcoal burners; lime burners. 1870 and 1880—Charcoal and lime burners.
Clock and watch makers and repairers.....	1850—Clock makers; watch makers. 1860—Case makers; clock makers; watch makers. 1870—Clock makers.
Coopers.....	1850 and 1860—Coopers; stave makers. 1870 and 1880—Coopers; stave, shook, and heading makers.
Copper workers.....	1850—Coppersmiths. 1860—Copper rollers; coppersmiths, copper workers.
Distillers and rectifiers.....	1860—Distillers; rectifiers; wine makers.
Door, sash, and blind makers.....	1850—Sash and blind makers. 1860—Blind makers; sash makers. 1870 and 1880—Blind, door, and sash makers.
Dressmakers, milliners, and seamstresses.....	1850—Suspenders makers; window shade makers. 1860—Mantua makers; milliners; seamstresses; skirt makers; suspender makers; window shade makers. 1870—Fur workers; milliners, dress and mantua makers; window shade makers. 1880—Fur workers; milliners, dressmakers, and seamstresses.
Fertilizer makers.....	1870 and 1880—Fertilizer establishment operatives.
Gas works employes.....	1850 and 1860—Gas makers.
Glass workers.....	1850—Glass manufacturers; glass stainers. 1860—Glass cutters; glass makers; glass manufacturers; glass stainers. 1870 and 1880—Glass works operatives.
Glove makers.....	1850 and 1860—Glovers.
Gold and silver workers.....	1850—Gold and silver smiths; gold beaters; gold pen makers. 1860—Gold beaters; goldsmiths; silversmiths. 1880—Gold and silver workers and jewelers.
Gunsmiths, locksmiths, and bell hangers.....	1850—Bell hangers and locksmiths; gunsmiths. 1860—Bell hangers; gunsmiths; locksmiths. 1870 and 1880—Gun and locksmiths.
Hair workers.....	1860—Hair workers; wig makers. 1870—Hair cleaners and dressers. 1880—Hair cleaners, dressers, and workers.
Harness and saddle makers and repairers.....	1850—Saddle and harness makers; whip makers. 1860—Hame makers; harness makers; saddlers; whip makers. 1870—Harness and saddle makers; whip makers. 1880—Harness and saddle makers.
Hat and cap makers.....	1850—Hat and cap manufacturers. 1860—Cap makers; hat binders; hatters.
Hosiery and knitting mill operatives.....	1860—Knitters. 1870—Knitting and hosiery mill operatives.
Iron and steel workers.....	1850—Fire engine makers; iron founders; ironmongers; iron workers; needle makers; pipe makers; safe makers; scale makers; screw makers; surgical instrument makers. 1860—Chain makers; die sinkers; fire engine builders; forgemen; foundrymen; iron founders; ironmongers; iron workers; needle makers; pipe makers; rule makers; safe makers (iron); scale makers; screw makers; skate makers; smelters; steam engine builders; surgical instrument makers. 1870—Die sinkers and stamp makers; iron and steel rolling mill operatives; iron and steel works and shops operatives; iron foundry operatives; iron furnace operatives; needle makers; scale and rule makers; screw makers; steam engine makers. 1880—Iron and steel works and shops operatives; scale and rule makers; screw makers.
Lace and embroidery makers.....	1850—Lace manufacturers. 1860—Embroiderers; lace manufacturers. 1880—Lace makers.
Lead and zinc workers.....	1850—Lead workers; type cutters; type founders. 1860—Lead smelters; lead workers; type cutters; type founders. 1870—Type founders and cutters. 1880—Lead and zinc works operatives.
Leather curriers, dressers, finishers, and tanners.....	1850—Bellows makers; morocco dressers; tanners and curriers. 1860—Bellows makers; belt makers; curriers; leather workers; morocco dressers; tanners and curriers. 1870—Belting factory operatives; curriers, tanners, and finishers of leather; morocco dressers.

DIFFERENCES IN DESIGNATIONS OF OCCUPATIONS: 1850 TO 1890—Continued.

OCCUPATION DESIGNATIONS IN 1890.	DIFFERENCE IN DESIGNATIONS AT PRECEDING CENSUSES.
MANUFACTURING AND MECHANICAL INDUSTRIES—continued.	
Manufacturers and officials of manufacturing companies.	1850—Manufacturers—blackening; card; chocolate; cloth; cotton; hardware; ink; linseed oil; oil cloth; patent leather; pin; porcelain; pot and pearl ash; spoon; steel; white lead; whiting; wooden ware; woolen; and not otherwise specified. 1860—Manufacturers—arrowroot; blackening; bonnet; chalk; chocolate; cloth; coffee mill; cotton cloth; fluid; gas fixture; hardware; hook and eye; hydraulic ram; ink; inkstand; iron railing; lard; lard oil; linseed oil; oil cloth; patent leather; pin; porcelain; pot and pearl ash; rosin; show case; soda; steel; tobacco; white lead; whiting; wooden ware; woolen; and zinc; treasurers. 1870—Manufacturers; officials of manufacturing companies. 1880—Manufacturers; officials of manufacturing and mining companies.
Marble and stone cutters.	1850 and 1860—Stone and marble cutters.
Masons (brick and stone).	1850—Masons and plasterers. 1860—Bricklayers; masons (brick and stone).
Meat, fish, and fruit packers, canners, and preservers.	1860—Picklers and preservers; sausage makers. 1870—Meat and fruit preserving establishment employes; meat packers, curers, and picklers; oyster packers. 1880—Meat and fruit preserving establishment employes; meat packers, curers, and picklers.
Mechanics (not otherwise specified).	1860—Mechanics. 1870 and 1880—Mechanics (not specified).
Metal workers (not otherwise specified).	1850 and 1860—Armors; platers. 1870—Bronze workers.
Mill and factory operatives (not specified).	1850—Factory hands; flax dressers; hemp dressers; mat makers; spinners; warpers; weavers. 1860—Bag makers; factory hands; flax dressers; hemp dressers; mat makers; spinners; tassel makers; thread makers; warpers; weavers; worsted makers. 1870—Bag makers; flax dressers; galloon, gimp, and tassel makers; linen mill operatives; mill and factory operatives (not specified). 1880—Bag makers; flax dressers; galloon, gimp, and tassel makers; mill and factory operatives (not specified); thread makers.
Millers (flour and grist).	1850, 1860, 1870, and 1880—Millers.
Model and pattern makers.	1850 and 1860—Model makers; pattern makers. 1870 and 1880—Pattern makers.
Nail and tack makers.	1850—Nail manufacturers. 1860—Nailers; nail manufacturers; tack makers. 1880—Nail makers.
Oil well employes.	1870 and 1880—Oil well operatives and laborers.
Oil works employes.	1850—Oil makers. 1860—Coal oil makers; oil makers. 1870—Oil refinery operatives. 1880—Oil mill and refinery operatives.
Painters, glaziers, and varnishers.	1850—Painters and glaziers; japanners; stencillers. 1860—Decorators; fresco painters; gilders; glaziers; japanners; painters and varnishers; stencillers. 1870 and 1880—Gilders; painters and varnishers.
Paper hangers.	1850—Paper hangers and upholsterers.
Paper mill operatives.	1850—Paper manufacturers. 1860—Envelope makers; paper manufacturers.
Photographers.	1850—Daguerreotypists. 1860—Daguerreotypists; photographers. 1870—Daguerreotypists and photographers.
Piano, organ, and musical instrument makers and tuners.	1850—Organ builders; pianoforte and musical instrument makers. 1860—Musical instrument makers; organ builders; pianoforte makers; pianoforte tuners; reed workers. 1870—Musical instrument makers (not specified); organ makers; pianoforte makers. 1880—Organ makers; pianoforte makers and tuners.
Plasterers.	1860—Plasterers; stucco workers. 1870—Plasterers; plaster molders.
Plumbers and gas and steam fitters.	1850 and 1860—Gas fitters; plumbers. 1870 and 1880—Plumbers and gas fitters.
Powder and cartridge makers.	1850—Powder manufacturers; shot manufacturers. 1860—Percussion cap makers; powder manufacturers; shot manufacturers. 1870—Powder makers; shot, cartridge, and fuse makers.
Printers, lithographers, pressmen, etc. (a).	1850—Paper rulers; printers; stereotypists. 1860—Block printers; electrotypers; lithographers; paper rulers; printers; stereotypers. 1870—Plate printers; printers; stereotypers.
Print works operatives.	1850 and 1860—Calico printers.
Publishers of books, maps, and newspapers.	1850 and 1860—Map makers; publishers.
Rope and cordage makers.	1850—Rope and cord makers. 1860—Corders; cord makers; net makers; rope makers; seine makers; twine makers.
Rubber factory operatives.	1850—India rubber manufacturers. 1860—India rubber manufacturers; India rubber workers.
Sail, awning, and tent makers.	1850 and 1860—Sail makers. 1870 and 1880—Sail and awning makers.
Salt works employes.	1850, 1860, 1870, and 1880—Salt makers.
Saw and planing mill employes.	1850—Lath makers; sawyers; shingle makers. 1860—Lath makers; planers (steam); sawyers; shingle makers. 1870—Sawmill operatives; sawyers; shingle and lath makers. 1880—Saw and planing mill operatives; sawyers; shingle and lath makers.

a Includes compositors and electrotypers and stereotypers.

DIFFERENCES IN DESIGNATIONS OF OCCUPATIONS: 1850 TO 1890—Continued.

OCCUPATION DESIGNATIONS IN 1890.	DIFFERENCE IN DESIGNATIONS AT PRECEDING CENSUSES.
MANUFACTURING AND MECHANICAL INDUSTRIES—continued.	
Sewing machine makers (not otherwise classified)...	1860—Sewing machine makers. 1870 and 1880—Sewing machine factory operatives.
Sewing machine operators	1860—Sewing machine operatives.
Ship and boat builders	1850—Boat builders; calkers; mast makers; riggers; ship carpenters. 1860—Block makers; boat builders; calkers; mast makers; oar makers; riggers; ship carpenters; ship smiths. 1870—Boat makers; mast, spar, oar, and block makers; ship calkers; ship carpenters; ship riggers; ship smiths. 1880—Boat makers; ship carpenters, calkers, riggers, and smiths.
Shirt, collar, and cuff makers	1860—Collar makers; shirt makers. 1870 and 1880—Shirt, cuff, and collar makers.
Silk mill operatives	1850—Silk manufacturers. 1860—Silk manufacturers; silk operatives.
Starch makers	1850 and 1860—Starch manufacturers.
Steam boiler makers	1850 and 1860—Boiler makers.
Stove, furnace, and grate makers	1850 and 1860—Grate makers; stove makers.
Tailors and tailoresses	1850—Tailors. 1870—Tailors, tailoresses, and seamstresses.
Tinners and tinware makers	1850 and 1860—Tinsmiths. 1870—Tinners.
Tobacco and cigar factory operatives	1860—Tobacconists and cigar makers. 1860—Tobacco cutters; tobacconists. 1870 and 1880—Cigar makers; tobacco factory operatives.
Tool and cutlery makers	1850—Cutlers; file cutters; plane makers; razormakers; saw makers; tool makers. 1860—Auger makers; ax makers; cutlers; edge tool makers; file cutters; grinders; plane makers; saw makers; shovel makers; tool makers. 1870 and 1880—File makers, cutters, and grinders; tool and cutlery makers.
Trunk, valise, leather-case, and pocket-book makers.	1850 and 1860—Pocket-book manufacturers; trunk makers. 1870—Carpetbag and satchel makers; trunk and valise makers. 1880—Leather-case and pocket-book makers; trunk, valise, and carpetbag makers.
Umbrella and parasol makers	1850 and 1860—Umbrella manufacturers.
Upholsterers	1850—Trimmers. 1860—Mattress makers; trimmers; upholsterers. 1870—Mattress makers; upholsterers.
Wire workers	1850—Wire makers; wire workers. 1860—Hoop makers; hoopskirt makers; sieve makers; wire cloth makers; wire makers; wire workers. 1870—Hoopskirt makers; wire makers and workers. 1880—Wire makers and workers.
Wood workers (not otherwise specified)	1850—Block and pump makers; carvers and gilders; cork cutters; frame makers; last makers; match makers; shoe peg makers; turners. 1860—Ax helve makers; billiard table makers; bobbin makers; cane makers; carvers; chair makers; cork cutters; frame makers; last makers; match makers; pump makers; saddle-tree makers; shoe peg makers; shuttle makers; spoke makers. 1870—Mirror and picture frame makers; pump makers; reed and shuttle makers; wood turners and carvers. 1880—Mirror and picture frame makers; pump makers; wood turners, carvers, and woodenware makers.
Woolen mill operatives	1850—Wool combers and carders. 1860—Carders; cloth finishers; wool combers and carders; wool sorters.
Other persons in manufacturing and mechanical industries.	1850—Enamelers; lapidaries; makers—astronomical, mathematical, and nautical instruments; boneblack; cement; cotton gin; fireworks; glue; grindstone and millstone; lamp; lathe; lightning rod; looking-glass; mold; mustard; patent medicine; pen; pencil; philosophical instrument; plaster figure; razor strop; saleratus; varnish; vinegar; and wine; millwrights; paper stainers; perfumers; polishers and finishers; refiners; whalebone workers; other occupations. 1860—Car builders; coffee grinders; coffee roasters; coiners; enamelers; finishers; furnishers; lapidaries; makers—artificial limb; artificial teeth; astronomical instrument; boneblack; buckle; card; cement; chandelier; cotton gin; faucet; fence; filter; fireworks; globe; glue; grindstone; hose; instrument; knob; lamp; lathe; lightning rod; looking-glass; mathematical instrument; millstone; military trimming; mold; mustard; nautical instrument; ornament; paint; paper tube; patent medicine; pen and pencil; philosophical instrument; plaster figure; razor strop; regalia; saleratus; spice; spindle; spoon; stencil plate; stock; tar; tarpaulin; thimble; truss; varnish; vinegar; wafer; and yeast; millwrights; paper stainers; pearl workers; perfumers; polishers and burnishers; refiners; turners (metal, ivory, and wood); wax workers; willow workers; other occupations and unknown. 1870—Employés in manufacturing establishments (not specified); makers—car; card and fancy paper; fireworks; glue; hose, leather and other; ink; macaroni and vermicelli; oil cloth; patent medicine; and truss; perfumers; quartz and stamp mill laborers. 1880—Car makers; employés in manufacturing establishments (not specified); quartz and stamp mill operatives and laborers; others in manufacturing, mechanical, and mining industries.

Following the plan indicated by the preceding statement, the results concerning occupations for the entire country at each census from 1850 to 1890 have been brought together, on the basis of the classification of 1890, in the three tables following, which show, first, the number of persons of each sex 10 years of age and over engaged in each specified occupation at the censuses of 1870, 1880, and 1890; second, the number of persons of each sex 16 years of age and over in 1870 and 1880, and of those 15 years of age and over in 1890, engaged in each specified occupation; and third, the number of free males 16 years of age and over in 1850 and of free persons 16 years of age and over in 1860 engaged in each specified occupation.

In these three tables explanatory notes are used in all cases where the figures presented do not cover substantially the same occupations or lines of work indicated by the designations used in the census of 1890, so far as this point could be determined from the printed census reports. Aside from the exceptions, as therein noted, these tables afford the means of giving for the United States a complete statement, on a comparable basis, of the number of persons at work, classified according to the various occupations in which they were engaged, so far as returned at each of the censuses named, and for purposes of general comparison are historically useful and valuable.

For the convenience of persons desiring to make detailed comparisons by states and territories, four tables are also appended, showing the number and percentage of males and females 10 years of age and over engaged in each of the great classes of occupations in 1870, 1880, and 1890, the totals for 1870 and 1880 being readjusted to conform to the plan of classifying occupations used at the census of 1890.

OCCUPATIONS.

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NUMBER OF PERSONS IN THE UNITED STATES 10 YEARS OF AGE AND OVER IN 1870, 1880, AND 1890 ENGAGED IN EACH SPECIFIED OCCUPATION, CLASSIFIED BY SEX.

OCCUPATIONS.	BOTH SEXES.			MALES.			FEMALES.		
	1890	1880	1870	1890	1880	1870	1890	1880	1870
All occupations.....	22,785,661	17,992,099	12,505,923	18,821,090	14,744,942	10,609,635	3,914,571	2,647,157	1,836,288
Agriculture, fisheries, and mining.....	9,013,336	8,004,624	6,141,363	8,333,813	7,409,970	5,744,314	670,523	594,054	397,040
Agricultural laborers.....	8,004,061	3,323,876	2,835,996	2,556,957	2,788,976	2,512,064	447,104	534,900	873,332
Aplarists.....	1,773	1,016	136	1,728	899	186	45	17	17
Dairymen and dairywomen.....	17,895	8,948	3,550	16,161	8,238	3,133	1,734	710	417
Farmers, planters, and overseers.....	5,281,557	4,229,051	2,931,320	5,055,130	4,172,049	2,958,630	226,427	57,002	22,681
Fishermen and oystermen.....	60,162	41,352	27,106	59,899	41,287	27,071	263	65	35
Gardeners, florists, nurserymen, and vine growers.....	72,601	56,032	33,632	70,186	54,493	33,353	2,415	1,539	279
Lumbermen and raftsmen.....	65,866	30,651	17,752	65,838	30,651	17,752	28	79	46
Miners.....	349,592	234,228	152,107	349,244	234,140	152,061	348	79	46
Quarrymen.....	37,656	15,169	13,589	37,028	15,100	13,589	28	216	75
Stock raisers, herders, and drovers.....	70,729	44,075	15,359	70,047	43,850	15,284	682	216	75
Wood choppers.....	33,697	12,731	8,338	33,605	12,731	8,338	32	126	184
Other agricultural pursuits.....	17,747	7,495	2,478	17,330	7,369	2,294	417	126	184
Professional service.....	944,333	663,202	371,098	632,648	425,947	278,841	311,687	177,255	92,257
Actors.....	9,728	4,812	2,053	5,779	2,092	1,361	3,940	1,820	692
Architects.....	8,070	3,375	2,017	8,048	3,358	2,016	23	17	1
Artists and teachers of art.....	22,456	9,104	4,081	11,081	7,043	3,669	10,815	2,061	412
Authors and literary and scientific persons.....	6,714	1,131	970	3,989	811	820	2,725	320	150
Chemists, assayers, and metallurgists.....	4,503	1,969	772	4,464	1,921	772	39	48	.....
Clergymen.....	88,203	64,098	43,874	87,060	64,533	43,867	1,143	165	67
Dentists.....	17,498	12,314	7,839	17,161	12,253	7,815	337	61	24
Designers, draftsmen, and inventors.....	9,391	2,820	1,286	9,083	2,704	1,273	305	56	13
Engineers (civil, mechanical, electrical, and mining) and surveyors.....	43,239	8,261	7,374	43,115	8,261	7,374	124	.....	.....
Journalists.....	21,849	12,308	5,286	20,961	12,020	5,251	888	288	35
Lawyers.....	80,630	64,137	40,736	80,422	64,062	40,731	208	75	5
Musicians and teachers of music.....	62,155	30,477	10,610	27,636	17,295	10,237	34,510	13,182	5,753
Officers of United States army and navy.....	2,920	2,000	2,286	2,920	2,000	2,286	.....	.....	.....
Officials (government).....	79,664	67,081	44,743	74,789	64,999	44,329	4,875	2,172	414
Physicians and surgeons.....	104,805	85,671	62,448	100,248	83,230	61,921	4,557	2,432	527
Professors and teachers.....	347,344	227,710	126,822	101,278	73,385	42,775	246,060	154,375	84,047
Theatrical managers, showmen, etc.....	18,055	2,604	1,777	17,421	2,421	1,077	634	183	100
Veterinary surgeons.....	6,404	2,130	1,166	6,492	2,130	1,166	2	.....	.....
Other professional service.....	1,569	(b)	149	1,090	(b)	141	479	(b)	8
Domestic and personal service.....	4,860,577	3,503,443	2,311,820	2,692,879	2,321,937	1,338,603	1,607,038	1,181,506	973,157
Barbers and hairdressers.....	84,982	44,851	23,935	82,157	41,949	22,756	2,825	2,902	1,179
Boarding and lodging house keepers.....	44,340	19,058	12,785	11,756	6,745	5,725	32,593	12,313	7,060
Engineers and firemen (not locomotive).....	139,705	79,628	34,233	139,718	79,628	34,233	47	.....	.....
Hotel keepers.....	44,076	32,453	26,394	38,800	30,317	25,520	5,276	2,186	895
Hunters, trappers, guides, and scouts.....	2,534	1,912	1,111	2,515	1,912	1,109	19	.....	2
Janitors.....	21,556	6,763	1,760	18,776	6,064	1,623	2,780	699	146
Laborers (not specified).....	1,913,373	1,864,245	1,046,960	1,858,558	1,801,891	1,025,095	54,815	62,854	21,871
Launderers and laundresses.....	248,462	121,042	60,006	31,831	13,744	5,297	216,631	108,198	55,009
Nurses and midwives.....	47,586	15,601	12,162	6,190	1,189	806	41,396	14,412	11,356
Restaurant and saloon keepers and bartenders.....	140,474	83,078	50,767	141,037	80,830	50,051	4,837	2,168	716
Servants (c).....	1,546,827	1,155,351	1,000,417	244,099	185,078	126,679	1,302,728	970,273	873,738
Sextons.....	4,982	2,440	1,151	4,954	2,435	1,144	23	14	7
Soldiers, sailors, and marines (United States).....	27,019	24,161	23,338	27,019	24,161	23,338	.....	.....	.....
Watchmen, policemen, and detectives.....	74,029	213,384	.....	74,350	213,370	.....	279	214	.....
Other domestic and personal service.....	13,063	238,567	15,886	0,010	233,074	15,278	3,444	25,493	608
Trade and transportation.....	3,826,122	1,866,481	1,229,399	3,097,701	1,863,629	1,209,571	228,421	62,852	19,828
Agents (claim, commission, real estate, insurance, etc.) and collectors.....	174,582	33,989	20,816	160,707	33,553	20,210	4,875	436	97
Auctioneers.....	3,205	2,331	2,206	3,203	2,328	2,254	2	8	12
Bankers and brokers (f).....	85,968	19,373	11,015	35,458	19,240	10,995	510	133	29
Boatmen and canalmen.....	10,716	24,697	28,070	10,083	24,638	28,030	33	59	40
Bookkeepers, clerks, and salesmen (g).....	1,014,544	536,733	310,988	842,832	408,645	300,190	171,712	88,088	10,708
Commercial travelers.....	58,091	28,168	7,262	58,080	27,886	7,230	611	272	92
Draymen, hackmen, teamsters, etc.....	368,499	177,586	120,750	368,205	177,586	120,500	234	.....	190
Foremen and overseers.....	30,084	.....	.....	35,109	.....	.....	975	.....	2
Hostlers.....	54,036	31,697	17,586	54,014	31,697	17,584	23	.....	.....
Hacksters and peddlers.....	59,083	53,491	34,337	59,824	50,999	32,844	2,250	2,492	1,493
Livery stable keepers.....	26,757	14,213	8,504	26,710	14,180	8,493	47	33	11
Merchants and dealers.....	691,325	479,439	357,293	665,774	464,687	351,536	25,551	14,752	5,727
Messengers and errand and office boys.....	51,355	13,985	8,717	48,446	13,585	8,637	2,909	400	80
Newspaper carriers and newsboys.....	5,288	3,374	2,092	5,219	3,298	1,995	72	76	6
Officials of banks and of insurance, trade, transportation, trust, and other companies.....	39,900	215,553	10,599	39,683	215,553	10,531	217	.....	69

a Teachers and scientific persons.

b Included with "Other domestic and personal service".

c Includes housekeepers and stewards.

d Watchmen (private) and detectives.

e Includes employes of government (not clerks).

f Includes commercial brokers.

g Includes stenographers and typewriters.

h Partly estimated.

PROGRESS OF THE NATION.

NUMBER OF PERSONS IN THE UNITED STATES 10 YEARS OF AGE AND OVER IN 1870, 1880, AND 1890 ENGAGED IN EACH SPECIFIED OCCUPATION, CLASSIFIED BY SEX—Continued.

OCCUPATIONS.	BOTH SEXES.			MALES.			FEMALES.		
	1890	1880	1870	1890	1880	1870	1890	1880	1870
Trade and transportation—Continued.									
Packers and shippers.....	24,946	9,842	5,461	18,426	8,810	5,266	6,520	532	195
Pilots.....	4,269	3,770	3,649	4,268	3,770	3,648	1	.....	1
Porters and helpers (in stores and warehouses).....	24,356	32,192	16,031	21,002	29,938	16,031	351	2,254	.....
Sailors.....	55,899	60,070	56,063	55,882	60,070	56,063	17	.....	.....
Steam railroad employes (a).....	462,213	236,058	154,027	460,771	235,611	133,965	1,442	447	62
Street railway employes.....	37,434	611,687	5,103	37,423	611,683	5,102	11	64	1
Telegraph and telephone operators.....	52,214	623,166	8,316	43,740	621,891	7,961	8,474	61,275	353
Telegraph and telephone linemen and electric light and power company employes.....	11,134	.....	.....	10,465	.....	.....	669	.....	.....
Undertakers.....	9,891	5,113	1,906	9,808	5,058	1,976	83	55	20
Weighers, gaugers, and measurers.....	2,800	3,302	926	3,842	3,291	923	18	11	3
Other persons in trade and transportation.....	8,883	47,162	36,346	3,080	45,632	35,738	803	41,530	6608
Manufacturing and mechanical industries.....	5,091,293	3,414,349	2,452,243	4,064,051	2,783,459	2,008,240	1,027,242	630,890	353,907
Agricultural implement makers (not otherwise classified).....	3,755	4,891	3,811	3,731	4,870	3,786	24	12	25
Apprentices.....	82,457	44,170	17,391	74,455	40,313	17,134	8,002	3,857	257
Artificial flower makers.....	3,046	3,389	1,169	503	512	218	2,543	2,887	951
Bakers.....	60,197	41,309	27,689	57,010	40,246	27,442	2,287	1,063	238
Basket makers.....	5,225	5,654	3,297	4,514	5,058	3,082	711	596	215
Blacksmiths.....	205,337	172,726	142,075	205,279	172,726	142,075	58	.....	.....
Bleachers, dyers, and scourers.....	14,210	8,222	4,901	12,503	7,573	4,532	1,707	649	310
Bone and ivory workers.....	1,691	1,888	901	1,469	1,717	803	222	171	98
Bookbinders.....	23,858	13,833	9,104	12,298	8,342	6,375	11,590	5,401	2,729
Boot and shoe makers and repairers.....	213,544	194,079	171,127	170,867	173,072	161,485	33,677	21,007	9,642
Bottlers and mineral and soda water makers.....	7,220	2,081	458	6,081	2,012	453	540	69	5
Box makers.....	28,640	15,762	6,080	14,286	8,832	3,857	14,351	7,130	2,223
Brass workers (not otherwise specified).....	17,265	11,568	4,803	16,352	10,831	4,757	913	737	106
Brewers and maltsters.....	20,362	16,278	11,246	20,294	16,217	11,238	68	61	8
Brick and tile makers and terra cotta workers.....	60,214	36,052	26,070	60,070	35,984	25,996	144	63	74
Brilliant workers.....	904	1,375	1,092	787	1,261	987	117	114	105
Broom and brush makers.....	10,115	8,479	5,816	8,949	7,837	5,209	1,166	642	517
Builders and contractors.....	45,988	14,597	10,231	45,978	14,586	10,228	10	11	3
Butchers.....	105,456	76,241	44,354	105,339	76,241	44,354	117	.....	.....
Butter and cheese makers.....	11,211	64,570	43,354	10,808	44,230	42,750	403	4340	4781
Button makers.....	2,601	4,872	1,272	1,011	2,480	730	1,590	2,392	536
Cabinet makers.....	35,015	50,554	42,835	35,891	50,174	42,123	24	480	713
Candle, soap, and tallow makers.....	3,450	2,923	1,942	3,051	2,718	1,900	899	205	42
Carpenters and joiners.....	611,482	373,143	344,506	611,293	373,143	344,596	189	.....	.....
Carpet makers.....	22,302	17,068	15,609	11,546	9,962	10,292	10,766	7,106	5,377
Carriage and wagon makers (not otherwise classified).....	34,538	49,881	42,464	34,308	49,743	42,432	230	138	32
Charcoal, coke, and lime burners.....	8,704	23,851	23,834	8,689	25,851	23,829	15	.....	.....
Chemical works employes.....	3,628	2,923	2,613	2,509	.....	.....	1,015	414	.....
Clock and watch makers and repairers.....	25,252	13,820	7,179	20,556	12,002	7,170	4,066	1,818	775
Confectioners.....	23,251	13,962	8,219	17,577	11,892	7,607	5,674	1,800	612
Coopers.....	47,486	53,199	43,647	47,438	53,199	43,614	48	.....	33
Copper workers.....	3,384	2,342	2,122	3,377	2,326	2,118	7	16	4
Corset makers.....	6,533	4,660	.....	783	795	.....	5,800	3,865	.....
Cotton mill operatives.....	173,142	169,771	111,606	80,177	78,292	47,208	92,965	91,479	64,898
Distillers and rectifiers.....	3,314	3,245	2,874	8,305	3,237	2,868	9	8	6
Door, sash, and blind makers.....	5,041	4,946	5,155	5,031	4,946	5,155	10	.....	.....
Dressmakers, milliners, and seamstresses.....	489,690	286,981	293,520	5,232	4,437	2,659	494,458	282,544	290,861
Electroplaters.....	2,756	.....	.....	2,644	.....	.....	112	.....	.....
Engravers.....	8,320	4,577	4,226	8,017	4,474	4,197	303	103	20
Fertilizer makers.....	792	1,383	310	726	1,371	310	0	12	0
Gas works employes.....	5,224	4,695	2,086	5,219	4,680	2,082	5	15	4
Glass workers.....	34,282	17,934	9,518	32,572	17,370	9,345	1,710	564	173
Glove makers.....	6,416	4,511	2,320	2,741	2,558	1,110	3,675	1,953	1,219
Gold and silver workers.....	20,268	428,405	418,508	16,914	426,438	417,279	3,349	41,967	41,229
Gunsmiths, locksmiths, and bell hangers.....	9,158	10,572	8,184	9,069	10,377	8,151	80	195	33
Hair workers.....	1,254	1,965	1,028	684	966	570	570	999	456
Harness and saddle makers and repairers.....	43,480	39,860	33,426	42,847	38,409	33,258	833	1,551	168
Hat and cap makers.....	24,013	16,860	12,625	17,319	13,604	9,275	6,694	3,856	3,350
Hosiery and knitting mill operatives.....	29,555	12,194	3,653	8,745	4,834	1,664	20,810	7,860	1,980
Iron and steel workers.....	144,921	110,927	87,008	142,555	115,960	86,105	2,336	967	903
Lace and embroidery makers.....	5,256	41,708	.....	821	4254	.....	4,435	41,454	.....
Lead and zinc workers.....	4,616	2,405	649	4,413	2,105	556	203	.....	93
Leather curriers, dressers, finishers, and tanners.....	39,332	29,842	30,726	39,040	29,642	30,641	292	200	85
Machinists.....	177,090	101,130	54,755	176,951	101,130	54,755	139	.....	.....
Manufacturers and officials of manufacturing companies.....	101,610	452,217	45,021	101,280	451,791	44,828	330	4420	193

a Includes locomotive engineers and firemen.

b Estimated.

c Includes steamboat men and women, and employes of banks and of express, insurance, and other companies (not clerks); employes partly estimated.

d Cheese makers.

e Charcoal and lime burners.

f Clock makers.

g Seamstresses included with "Tailors and tailoresses".

h Includes jewelers.

i Lace makers.

k Includes officials of mining companies.

OCCUPATIONS.

ciii

NUMBER OF PERSONS IN THE UNITED STATES 10 YEARS OF AGE AND OVER IN 1870, 1880, AND 1890 ENGAGED IN EACH SPECIFIED OCCUPATION, CLASSIFIED BY SEX—Continued.

OCCUPATIONS.	BOTH SEXES.			MALES.			FEMALES.		
	1890	1880	1870	1890	1880	1870	1890	1880	1870
Manufacturing and mechanical industries—Continued.									
Marble and stone cutters.....	61,070	32,842	25,831	61,012	32,842	25,831	58		
Masons (brick and stone).....	158,918	102,473	89,710	158,878	102,473	89,710	40		
Meat, fish, and fruit packers, canners, and preservers.....	7,100	6,296	2,377	5,563	5,132	1,830	1,006	1,104	538
Mechanics (not otherwise specified).....	15,485	7,858	10,514	15,472	7,853	13,955	13	5	2,559
Metal workers (not otherwise specified).....	16,094		79	15,837		67	857		12
Mill and factory operatives (not specified).....	93,596	39,032	44,806	51,603	26,064	35,258	41,993	13,508	9,548
Millers (four and grist).....	52,841	53,440	41,582	52,747	53,363	41,843	94	77	239
Model and pattern makers.....	10,300	as,822	as,970	10,159	as,822	as,970	141		
Molders.....	66,289			66,243			46		
Nail and tack makers.....	4,583	5,803		4,106	5,429		477	374	
Oil well employes.....	9,147	7,340	3,803	9,137	7,340	3,802	10		1
Oil works employes.....	5,024	3,929	1,747	5,587	3,897	1,703	37	32	39
Painters, glaziers, and varnishers.....	219,912	130,319	89,057	218,646	120,993	89,560	1,260	326	88
Paper hangers.....	12,869	5,013	2,490	12,815	4,869	2,471	54	154	19
Paper mill operatives.....	27,817	21,430	12,409	18,856	14,711	8,585	8,901	0,719	3,884
Photographers.....	20,040	9,990	7,558	17,839	9,539	7,330	2,201	451	228
Piano and organ makers and tuners, etc.....	15,335	7,850	3,579	14,996	7,740	3,567	339	101	12
Plasterers.....	39,002	22,083	23,800	38,987	22,083	23,799	15		1
Plumbers and gas and steam fitters.....	50,607	19,383	11,143	50,563	19,383	11,143	44		
Potters.....	14,928	7,233	5,000	12,939	6,044	4,948	1,980	589	112
Powder and cartridge makers.....	1,385		761	903		605	422		96
Printers, lithographers, pressmen, etc. (b).....	118,424	72,726	40,424	100,965	69,270	38,920	12,059	3,456	1,504
Print works operatives.....	6,701	5,419	3,798	5,162	4,318	2,786	1,539	1,101	952
Publishers of books, maps, and newspapers.....	6,289	2,781	1,577	6,210	2,745	1,577	74	36	
Roofers and slaters.....	7,043	4,026	2,750	7,040	4,026	2,750	3		
Rope and cordage makers.....	8,001	3,514	2,675	4,896	3,040	2,345	3,105	474	330
Rubber factory operatives.....	10,182	6,350	3,886	9,706	4,262	2,035	6,456	2,058	1,851
Sail, awning, and tent makers.....	3,257	2,050	2,300	3,006	2,843	2,273	251	107	31
Salt works employes.....	1,785	1,431	1,721	1,662	1,300	1,721	103	41	
Saw and planing mill employes.....	133,637	87,411	58,025	133,355	87,370	57,908	282	41	110
Sewing machine makers (not otherwise classified).....	880	2,725	3,881	850	2,664	2,015	30	61	1,800
Sewing machine operators.....	7,126	7,505	3,042	1,104	1,700	182	6,022	5,805	2,860
Ship and boat builders.....	22,951	19,515	23,175	22,948	19,515	23,159	3		16
Shirt, collar, and cuff makers.....	21,107	11,823	4,080	5,132	3,163	1,268	15,975	8,600	2,812
Silk mill operatives.....	34,855	18,071	3,256	14,192	8,860	954	20,663	9,211	2,302
Starch makers.....	746	1,385	229	566	1,218	189	180	167	40
Steam boiler makers.....	21,339	12,771	6,958	21,333	12,771	6,953	6		5
Stove, furnace, and grate makers.....	8,932	3,341	1,543	8,912	3,341	1,543	20		
Straw workers.....	3,606	4,220	2,020	1,243	1,581	590	2,423	2,698	1,430
Sugar makers and refiners.....	2,616	2,327	1,609	2,612	2,313	1,599	4	14	10
Tailors and tailoresses.....	185,400	133,756	c101,820	121,591	81,658	c64,613	63,809	52,098	c07,207
Tinners and tinware makers.....	55,488	42,818	30,524	54,689	41,781	30,507	809	1,037	17
Tobacco and cigar factory operatives.....	111,625	77,045	40,271	83,634	66,177	36,137	27,991	10,898	4,134
Tool and cutlery makers (not otherwise classified).....	17,985	15,588	6,764	17,440	15,031	6,556	536	557	108
Trunk, valise, leather-case, and pocket-book makers..	6,279	4,410	2,047	5,458	4,031	1,970	821	879	77
Umbrella and parasol makers.....	3,403	1,907	1,430	1,405	1,094	749	1,938	873	690
Upholsterers.....	25,608	10,443	6,111	26,918	9,901	5,905	1,748	542	206
Well borers.....	4,854			4,853			1		
Wheelwrights.....	12,850	15,592	20,942	12,855	15,592	20,942	1		
Whitewashers.....	3,996	3,816	2,873	3,987	3,301	2,482	9	15	301
Wire workers.....	12,319	7,170	2,798	11,238	6,925	1,961	1,081	245	835
Wood workers (not otherwise specified).....	67,860	16,833	10,789	63,600	16,527	10,715	3,760	300	74
Woolen mill operatives.....	84,109	88,010	58,836	47,638	52,564	36,000	36,471	35,500	22,776
Other persons in manufacturing and mechanical industries.....	76,714	54,235	25,308	60,806	42,553	22,252	15,908	11,682	8,056

a Pattern makers.

b Includes compositors and electrotypers and stereotypers.

c Tailors, tailoresses, and seamstresses.

PROGRESS OF THE NATION.

NUMBER OF PERSONS IN THE UNITED STATES 16 YEARS OF AGE AND OVER IN 1870 AND 1880 AND 15 YEARS OF AGE AND OVER IN 1890 ENGAGED IN EACH SPECIFIED OCCUPATION, CLASSIFIED BY SEX.

OCCUPATIONS.	BOTH SEXES.			MALES.			FEMALES.		
	1890	1880	1870	1890	1880	1870	1890	1880	1870
All occupations	22,132,648	16,273,743	11,766,759	13,420,504	13,919,755	10,121,571	3,712,144	2,353,988	1,645,188
Agriculture, fisheries, and mining.....	8,073,389	7,270,284	5,036,728	8,077,683	6,811,510	5,312,886	595,706	458,774	323,842
Agricultural laborers	2,679,853	2,607,709	2,386,522	2,316,399	2,208,400	2,086,359	363,534	399,309	300,163
Appliarists	1,768	1,013	136	1,723	996	136	45	17	.....
Dairymen and dairywomen	17,690	8,758	3,550	15,979	8,102	3,133	1,681	656	417
Farmers, planters, and overseers	5,281,557	4,239,050	2,981,320	5,055,130	4,172,048	2,958,639	226,427	57,002	22,681
Fishermen and oystermen	53,431	40,529	26,279	59,178	40,468	26,246	253	61	38
Gardeners, florists, nurserymen, and vine growers	72,188	54,759	33,632	69,820	53,385	33,353	2,368	1,374	279
Lumbermen and raftsmen	65,693	30,497	17,704	65,668	30,497	17,704	27	.....	.....
Miners	339,231	223,070	148,583	338,938	223,005	148,565	293	65	18
Quarrymen	36,916	13,839	13,041	36,890	13,839	13,041	26	.....	.....
Stock raisers, herders, and drovers	68,889	41,172	15,359	67,748	40,991	15,284	641	178	75
Wood choppers	33,297	12,585	8,208	33,270	12,585	8,208	27	.....	.....
Other agricultural pursuits	17,306	7,303	2,394	16,942	7,191	2,218	364	112	170
Professional service.....	943,425	602,278	370,041	632,184	425,609	278,727	311,241	170,609	91,014
Actors	9,633	4,749	2,028	5,755	2,974	1,353	3,878	1,775	675
Architects	8,070	3,375	2,017	8,048	3,358	2,016	22	17	1
Artists and teachers of art	22,405	9,067	4,074	11,030	7,014	3,062	10,775	2,053	412
Authors and literary and scientific persons	6,714	1,130	978	3,989	811	819	2,725	310	159
Chemists, assayers, and metallurgists	4,503	1,067	772	4,461	1,919	772	39	48	.....
Clergymen	68,203	64,698	43,874	87,060	64,533	43,607	1,143	165	67
Dentists	17,498	12,814	7,839	17,161	12,253	7,819	337	61	24
Designers, draftsmen, and inventors	9,371	2,812	1,283	9,066	2,757	1,270	905	55	13
Engineers (civil, mechanical, electrical, and mining) and surveyors	43,197	8,259	7,870	43,073	8,259	7,870	124	.....	.....
Journalists	21,849	12,308	5,286	20,961	12,020	5,251	888	288	35
Lawyers	89,630	64,137	40,736	89,422	64,062	40,731	208	75	5
Musicians and teachers of music	61,918	30,287	15,945	27,513	17,184	10,212	34,435	13,103	5,793
Officers of United States army and navy	2,920	2,600	2,286	2,920	2,600	2,286	.....	.....	.....
Officials (government)	79,664	67,081	44,743	74,759	64,903	44,329	4,875	2,172	414
Physicians and surgeons	104,805	85,671	62,448	100,248	83,239	61,921	4,557	2,432	527
Professors and teachers	347,657	227,113	126,486	101,248	678,243	42,739	245,839	153,870	83,747
Theatrical managers, showmen, etc.	17,862	2,580	1,161	17,249	2,404	1,067	610	176	94
Veterinary surgeons	6,494	2,130	1,166	6,492	2,130	1,166	2	.....	.....
Other professional service	1,568	(b)	149	1,090	(b)	141	470	(b)	8
Domestic and personal service.....	4,232,569	3,278,460	2,167,162	2,612,382	2,203,775	1,284,754	1,590,187	1,074,694	882,408
Barbers and hairdressers	84,403	44,278	23,620	81,624	41,478	22,497	2,770	2,800	1,123
Boarding and lodging house keepers	44,349	19,058	12,785	11,756	6,745	5,725	32,693	12,313	7,000
Engineers and firemen (not locomotive)	139,691	79,537	34,200	139,554	79,537	34,200	47	.....	.....
Hotel keepers	44,078	32,453	20,394	38,800	30,317	25,629	5,270	2,136	895
Hunters, trappers, guides, and scouts	2,505	1,912	1,095	2,489	1,912	1,093	16	.....	2
Janitors	21,511	6,747	1,759	18,736	6,050	1,614	2,775	697	145
Laborers (not specified)	1,877,889	1,761,126	1,014,175	1,827,568	1,709,683	995,498	50,321	51,443	18,677
Laundresses and laundresses	246,739	120,700	60,568	31,618	13,564	5,140	215,121	107,136	55,218
Nurses and midwives	47,586	15,260	12,162	6,100	1,163	806	41,996	14,097	11,356
Restaurant and saloon keepers and bartenders	146,521	82,804	50,600	141,484	80,608	49,880	4,837	2,196	714
Servants (c)	1,458,023	1,036,311	889,993	226,679	159,984	103,353	1,231,344	870,377	786,635
Sextons	4,970	2,444	1,151	4,942	2,430	1,144	28	14	7
Soldiers, sailors, and marines (United States)	27,919	24,141	23,330	27,919	24,141	23,330	.....	.....	.....
Watchmen, policemen, and detectives	74,568	713,371	74,289	74,289	713,371	74,289	279	714	.....
Other domestic and personal service	12,109	238,327	15,540	8,734	232,856	14,934	3,275	25,471	606
Trade and transportation	3,281,796	1,827,968	1,210,871	3,058,593	1,768,129	1,192,215	223,203	59,839	18,656
Agents (claim, commission, real estate, insurance, etc.) and collectors	174,341	33,865	20,297	169,488	33,450	20,201	4,853	415	96
Auctioneers	3,205	2,331	2,266	3,203	2,328	2,254	2	3	13
Bankers and brokers (f)	35,968	19,373	11,012	35,458	19,240	10,902	510	133	20
Boatmen and canalmen	16,447	24,095	27,623	16,414	24,038	27,594	33	57	29
Bookkeepers, clerks, and salesmen (g)	1,000,537	518,720	303,023	831,720	482,560	293,041	168,808	36,160	9,982
Commercial travelers	58,691	28,135	7,258	58,080	27,864	7,226	611	271	32
Draymen, hackmen, teamsters, etc.	365,274	175,625	119,329	365,053	175,625	119,250	221	.....	79
Foremen and overseers	36,084	.....	35,109	.....	.....	.....	975	.....	.....
Hostlers	53,403	31,072	17,150	53,381	31,072	17,149	22	.....	1
Hucksters and peddlers	58,091	52,522	33,993	55,909	50,102	32,530	2,182	2,420	1,463
Livery stable keepers	26,757	14,213	8,564	26,710	14,180	8,493	47	33	11
Merchants and dealers	690,658	479,306	356,838	695,178	464,565	351,187	25,480	14,741	5,051
Messengers and errand and office boys	31,751	5,570	4,624	30,368	5,521	4,003	1,933	49	21
Newspaper carriers and newsboys	4,017	2,428	1,254	3,960	2,357	1,150	67	71	4
Officials of banks and of insurance, trade, transportation, trust, and other companies	39,900	115,553	10,599	39,683	115,553	10,531	217	.....	68

a Teachers and scientific persons.

b Included with "Other domestic and personal service".

c Includes housekeepers and stewards.

d Watchmen (private) and detectives.

e Includes employes of government (not clerks).

f Includes commercial brokers.

g Includes stenographers and typewriters.

h Partly estimated.

OCCUPATIONS.

CV

NUMBER OF PERSONS IN THE UNITED STATES 16 YEARS OF AGE AND OVER IN 1870 AND 1880 AND 15 YEARS OF AGE AND OVER IN 1890 ENGAGED IN EACH SPECIFIED OCCUPATION, CLASSIFIED BY SEX—Continued.

OCCUPATIONS.	BOTH SEXES.			MALES.			FEMALES.		
	1890	1880	1870	1890	1880	1870	1890	1880	1870
Trade and transportation—Continued.									
Packers and shippers	24,235	9,180	5,418	18,088	8,703	5,237	6,147	477	170
Pilots	4,259	3,769	3,645	4,258	3,709	3,644	1	1	1
Porters and helpers (in stores and warehouses)	23,569	29,033	16,345	23,254	27,176	16,345	315	1,857	.....
Sailors	55,784	59,720	56,351	55,767	59,720	56,351	17	.....	.....
Steam railroad employes (a)	461,028	235,150	153,153	459,616	234,736	153,091	1,412	420	62
Street railway employes	37,047	211,656	5,077	37,336	211,652	5,076	11	64	1
Telegraph and telephone operators	51,895	221,810	8,056	43,492	220,386	7,706	8,403	61,224	350
Telegraph and telephone linemen and electric light and power company employes	11,037	.....	.....	10,387	.....	.....	650	.....	.....
Undertakers	9,891	5,108	1,096	9,808	5,054	1,076	83	54	20
Weighers, gaugers, and measurers	3,846	3,294	826	3,828	3,283	923	18	11	3
Other persons in trade and transportation	3,781	446,534	436,036	3,036	445,195	435,465	745	41,439	4571
Manufacturing and mechanical industries	5,001,469	3,294,744	2,381,957	4,009,662	2,710,672	2,052,989	991,807	584,072	328,368
Agricultural implement makers (not otherwise classified)	3,710	4,787	3,743	3,087	4,779	3,727	23	11	16
Apprentices	73,399	35,670	14,790	66,765	33,052	14,644	6,634	2,618	146
Artificial flower makers	2,684	2,630	907	471	472	211	2,223	2,158	696
Bakers	59,692	40,697	27,143	57,441	39,641	20,024	2,251	1,016	219
Basket makers	6,050	5,389	3,107	4,371	4,823	2,956	670	563	201
Blacksmiths	205,028	172,170	141,469	204,072	172,170	141,469	50	.....	.....
Bleachers, dyers, and scourers	13,985	7,989	4,760	12,327	7,372	4,460	1,658	617	300
Bone and ivory workers	1,673	1,838	853	1,456	1,676	763	217	103	90
Bookbinders	29,818	19,073	8,656	12,047	7,987	6,142	11,271	5,086	2,514
Boot and shoe makers and repairers	211,494	100,426	108,709	178,572	170,596	159,694	82,022	19,830	9,105
Bottlers and mineral and soda water makers	6,982	1,971	415	6,475	1,909	410	507	62	5
Box makers	27,060	14,032	5,480	13,500	7,924	3,571	13,554	6,108	1,009
Brass workers (not otherwise specified)	17,001	11,081	4,704	16,129	10,435	4,660	872	646	95
Brewers and maltsters	20,252	16,149	11,201	20,101	16,080	11,193	61	60	8
Brick and tile makers and terra cotta workers	58,241	34,445	24,614	58,115	34,383	24,565	126	62	40
Britannia workers	897	1,335	1,075	781	1,220	971	116	106	104
Broom and brush makers	9,686	7,881	5,327	8,803	7,373	5,117	1,083	618	410
Builders and contractors	45,988	14,586	10,291	45,078	14,575	10,228	10	11	3
Butchers	104,951	75,673	44,016	104,834	75,673	44,016	117	.....	.....
Butter and cheese makers	11,148	24,518	23,484	10,749	24,181	22,720	399	4387	4764
Button makers	2,493	4,217	1,089	669	2,149	640	1,524	2,071	449
Cabinet makers	35,780	49,039	41,049	35,756	48,940	41,870	24	300	579
Candle, soap, and tallow makers	3,280	2,723	1,862	2,907	2,552	1,530	373	171	32
Carpenters and joiners	611,025	372,683	343,732	610,836	372,683	343,732	180	.....	.....
Carpet makers	21,612	15,774	15,147	11,190	9,308	10,029	10,452	6,466	5,118
Carriage and wagon makers (not otherwise classified)	34,455	49,463	42,256	34,233	49,331	42,225	222	132	81
Charcoal, coke, and lime burners	8,599	45,785	40,805	8,555	45,785	40,801	14	.....	.....
Chemical works employes	3,570	2,805	2,585	2,585	2,434	.....	985	371	.....
Clock and watch makers and repairers	25,072	13,448	11,720	20,422	11,715	11,058	4,650	1,732	1,688
Confectioners	22,721	13,400	8,135	17,593	11,723	7,544	5,823	1,077	501
Coopers	47,134	52,189	43,174	47,089	52,189	43,140	45	.....	.....
Copper workers	3,852	2,810	2,109	3,846	2,294	2,106	6	10	28
Corset makers	6,309	4,205	.....	700	714	.....	5,609	3,491	.....
Cotton mill operatives	156,102	141,765	91,680	71,882	65,177	37,493	84,220	70,588	54,227
Distillers and rectifiers	3,301	3,220	2,874	3,202	3,212	2,898	9	8	6
Door, sash, and blind makers	4,961	4,802	5,053	4,952	4,802	5,053	9	.....	.....
Dressmakers, milliners, and seamstresses	494,696	282,149	991,722	5,103	4,307	92,620	480,593	277,842	980,093
Electroplaters	2,702	.....	2,595	2,595	.....	.....	197	.....	.....
Engravers	8,263	4,512	4,378	7,063	4,411	4,150	390	101	28
Fertilizer makers	726	1,863	314	720	1,350	308	6	7	6
Gas works employes	5,191	4,630	2,000	5,186	4,615	2,056	5	15	4
Glass workers	91,727	15,527	8,268	90,150	15,057	8,112	1,577	470	160
Glove makers	6,327	4,358	2,207	2,719	2,511	1,075	3,698	1,847	1,193
Gold and silver workers	19,997	427,799	418,151	16,744	425,975	417,014	8,253	41,824	41,137
Gunsmiths, locksmiths, and bell hangers	9,087	10,376	8,107	9,003	10,197	8,075	84	170	32
Hair workers	1,176	1,748	895	639	839	506	537	909	389
Harness and saddle makers and repairers	43,230	39,624	33,127	42,495	38,101	32,063	801	1,523	104
Hat and cap makers	23,717	10,066	12,175	17,105	12,566	9,027	6,652	3,530	3,148
Hosiery and knitting mill operatives	27,466	10,344	3,124	8,145	3,608	1,441	16,321	6,076	1,683
Iron and steel workers	142,794	114,044	84,719	140,589	113,258	83,091	2,205	786	768
Lace and embroidery makers	5,068	41,516	.....	799	4236	.....	4,269	41,280	.....
Lead and zinc workers	4,543	2,047	535	4,340	2,047	597	194	.....	78
Leather curriers, dressers, finishers, and tanners	39,047	29,440	30,442	38,774	29,245	30,393	273	195	79
Machinists	176,744	100,558	54,546	176,610	100,558	54,546	154	.....	.....
Manufacturers and officials of manufacturing companies	101,610	452,217	45,021	101,280	451,791	44,828	330	4426	193

a Includes locomotive engineers and firemen.

b Estimated.

c Includes steamboat men and women, and employes of banks and of express, insurance, and other companies (not clerks); employes partly estimated.

d Cheese makers.

e Charcoal and lime burners.

f Clock makers.

g Seamstresses included with "Tailors and tailoresses".

h Includes jewelers.

i Lace makers.

k Includes officials of mining companies.

NUMBER OF PERSONS IN THE UNITED STATES 16 YEARS OF AGE AND OVER IN 1870 AND 1880 AND 15 YEARS OF AGE AND OVER IN 1890 ENGAGED IN EACH SPECIFIED OCCUPATION, CLASSIFIED BY SEX—Continued.

OCCUPATIONS.	BOTH SEXES.			MALES.			FEMALES.		
	1890	1880	1870	1890	1880	1870	1890	1880	1870
Manufacturing and mechanical industries—Continued.									
Marble and stone cutters.....	60,885	32,987	25,747	60,827	32,687	25,747	58	—	—
Masons (brick and stone).....	158,701	102,313	89,459	158,661	102,313	89,459	40	—	—
Meat, fish, and fruit packers, canners, and preservers.	6,833	5,918	2,159	5,356	4,919	1,737	1,477	999	422
Mechanics (not otherwise specified).....	15,454	7,828	16,147	15,441	7,829	18,765	13	5	2,382
Metal workers (not otherwise specified).....	16,455	—	78	15,636	—	66	819	—	12
Mill and factory operatives (not specified).....	87,868	34,630	40,444	48,860	23,170	32,613	39,208	11,460	7,831
Millers (flour and grist).....	52,709	53,142	41,460	52,617	53,069	41,222	92	73	238
Model and pattern makers.....	10,278	25,788	23,901	10,137	25,788	23,901	141	—	—
Molders.....	66,050	—	—	66,050	—	—	45	—	—
Nail and tack makers.....	4,346	5,514	—	3,881	5,152	—	465	802	—
Oil well employes.....	9,128	7,209	3,795	9,116	7,209	3,794	10	—	1
Oil works employes.....	5,599	—	1,694	5,595	—	1,671	34	30	23
Painters, glaziers, and varnishers.....	218,988	129,417	85,798	217,755	120,102	85,718	1,233	315	80
Paper hangers.....	12,295	4,977	2,455	12,241	4,826	2,438	54	151	17
Paper mill operatives.....	27,298	20,289	11,769	18,579	14,070	8,170	8,719	6,213	3,599
Photographers.....	10,962	9,927	7,526	17,774	9,481	7,301	2,188	446	225
Piano and organ makers and tuners, etc.....	15,197	7,701	3,548	14,868	7,605	3,536	329	90	12
Plasterers.....	38,932	22,055	23,686	38,917	22,055	23,685	15	—	1
Plumbers and gas and steam fitters.....	56,413	19,242	11,071	56,371	19,242	11,071	42	—	—
Potters.....	14,468	6,521	4,819	12,609	6,063	4,728	1,859	458	61
Powder and cartridge makers.....	1,352	—	748	945	—	662	407	—	83
Printers, lithographers, pressmen, etc. (b).....	116,823	70,704	88,851	104,933	67,348	37,481	11,890	3,556	1,370
Print works operatives.....	6,439	4,028	3,139	4,960	3,686	2,274	1,479	942	805
Publishers of books, maps, and newspapers.....	6,284	2,778	1,577	6,210	2,742	1,577	74	30	—
Roofers and slaters.....	7,023	4,003	2,723	7,020	4,003	2,723	3	—	—
Rope and cordage makers.....	7,501	3,142	2,383	4,005	2,729	2,132	2,896	413	251
Rubber factory operatives.....	15,006	5,973	3,743	9,575	4,107	1,849	6,331	1,866	1,794
Sail, awning, and tent makers.....	3,239	2,858	2,301	2,995	2,758	2,270	244	100	31
Salt works employes.....	1,733	1,386	1,065	1,034	1,352	1,005	90	84	—
Saw and planing mill employes.....	131,740	84,997	57,058	131,486	84,962	56,965	254	35	63
Sewing machine makers (not otherwise classified).....	895	2,603	3,731	836	2,544	1,941	29	59	1,700
Sewing machine operators.....	6,963	7,163	2,866	1,073	1,634	181	5,890	5,529	2,685
Ship and boat builders.....	22,914	19,471	28,152	22,911	19,471	23,136	3	—	16
Shirt, collar, and cuff makers.....	20,592	11,119	3,618	5,058	3,028	1,237	15,534	8,091	2,681
Silk mill operatives.....	32,429	14,804	2,393	13,321	7,579	678	19,108	7,225	1,685
Starch makers.....	702	1,319	217	539	1,170	184	103	149	33
Steam boiler makers.....	21,291	12,624	6,893	21,285	12,624	6,888	6	—	5
Stove, furnace, and grate makers.....	8,850	3,261	1,527	8,831	3,261	1,527	19	—	—
Straw workers.....	3,653	4,129	1,977	1,239	1,493	588	2,414	2,636	1,389
Sugar makers and refiners.....	2,602	2,312	1,599	2,598	2,299	1,589	4	13	10
Tailors and tailoresses.....	181,649	128,810	159,102	120,622	80,480	64,160	61,027	48,330	694,942
Tinners and tinware makers.....	54,841	42,051	30,075	54,038	41,092	30,058	803	959	17
Tobacco and cigar factory operatives.....	106,355	70,869	36,566	80,502	61,687	33,108	25,853	9,182	3,458
Tool and cutlery makers (not otherwise classified).....	17,786	14,872	6,489	17,248	14,395	6,400	518	477	89
Trunk, valise, leather-case, and pocket-book makers.....	6,024	4,030	1,966	5,251	3,706	1,896	773	324	70
Umbrella and parasol makers.....	3,320	1,841	1,872	1,414	1,016	715	1,906	825	657
Upholsterers.....	25,427	10,815	6,037	23,711	9,786	5,838	1,716	529	199
Well borers.....	4,854	—	—	4,853	—	—	1	—	—
Wheelwrights.....	12,823	15,376	20,927	12,822	15,376	20,927	1	—	—
Whitewashers.....	3,982	3,306	2,864	3,973	3,291	2,476	9	15	388
Wire workers.....	12,033	6,835	2,675	10,993	6,620	1,389	1,040	215	786
Wood workers (not otherwise specified).....	65,654	16,259	10,651	62,132	16,010	10,578	3,522	249	73
Woolen mill operatives.....	80,030	78,082	51,409	45,602	47,368	31,934	34,428	30,724	10,425
Other persons in manufacturing and mechanical industries.	78,836	51,818	23,841	58,901	40,861	21,145	14,935	10,457	2,696

a Pattern makers.

b Includes compositors and electrotypers and stereotypers.

c Tailors, tailoresses, and seamstresses.

OCCUPATIONS.

cvii

NUMBER OF PERSONS IN THE UNITED STATES 16 YEARS OF AGE AND OVER, FREE MALES IN 1850 AND FREE PERSONS IN 1860, ENGAGED IN EACH SPECIFIED OCCUPATION.

OCCUPATIONS.	FREE PERSONS (EXCLUD- ING SLAVES).	FREE MALES (EXCLUD- ING SLAVES).	OCCUPATIONS.	FREE PERSONS (EXCLUD- ING SLAVES).	FREE MALES (EXCLUD- ING SLAVES).
	1860	1850		1860	1850
All occupations	8,235,557	5,320,506	Trade and transportation	801,607	481,741
Agriculture, fisheries, and mining	3,547,700	2,511,888	Agents (claim, commission, real estate, insurance, etc.) and collectors.	18,844	7,757
Agricultural laborers	795,679	(a)	Auctioneers	1,348	890
Apiarists	59		Bankers and brokers (k)	9,757	3,175
Dairymen and dairywomen	1,952	62,390	Boatmen and canalmen	26,740	32,454
Farmers, planters, and overseers	2,509,466	2,391,013	Bookkeepers, clerks, and salesmen (l)	186,549	101,325
Fishermen and oystermen	20,755	11,269	Commercial travelers		
Gardeners, florists, nurserymen, and vine growers	23,737	10,385	Draymen, hackmen, teamsters, etc.	77,626	40,747
Lumbermen and raftsmen	15,929	10,070	Foremen and overseers	37,968	18,859
Miners	151,038	80,358	Hostlers	8,581	4,029
Quarrymen	4,119	1,932	Hucksters and peddlers	19,819	19,669
Stock raisers, herders, and drovers	11,151	2,436	Livery stable keepers	5,361	2,741
Wood choppers	3,463	1,528	Merchants and dealers	266,070	173,821
Other agricultural pursuits	1,362	507	Messengers and errand and office boys	(m)	
Professional service	329,887	159,430	Newspaper carriers and newsboys	943	209
Actors	1,460	722	Officials of banks and of insurance, trade, transporta- tion, trust, and other companies.	3,234	1,375
Architects	1,263	591	Packers and shippers	1,921	622
Artists and teachers of art	4,729	2,270	Pilots	3,358	2,015
Authors and literary and scientific persons	307	82	Porters and helpers (in stores and warehouses)	10,199	3,185
Chemists, assayers, and metallurgists	625	465	Sailors	71,743	70,603
Clergymen	37,529	20,842	Steam railroad employes (n)	39,567	4,831
Dentists	5,606	2,023	Street railway employes		
Designers, draftsmen, and inventors	435	189	Telegraph and telephone operators	1,956	544
Engineers (civil, mechanical, electrical, and mining) and surveyors.	227,449	2,126	Telegraph and telephone linemen and electric light and power company employes.		
Journalists	3,405	1,510	Undertakers	835	495
Lawyers	34,839	23,939	Weighers, gaugers, and measurers	859	
Musicians and teachers of music	10,354	3,550	Other persons in trade and transportation	10,423	1,395
Officers of United States army and navy			Manufacturing and mechanical industries	1,877,403	1,186,495
Officials (government)	32,887	22,847	Agricultural implement makers (not otherwise classi- fied).	2,390	1,313
Physicians and surgeons	55,159	40,705	Apprentices	55,320	1,840
Professors and teachers	112,909	30,530	Artificial flower makers	600	45
Theatrical managers, showmen, etc.	278	83	Bakers	19,001	14,256
Veterinary surgeons	392	46	Basket makers	2,862	1,841
Other professional service	171		Blacksmiths	114,001	100,151
Domestic and personal service	1,078,960	989,952	Bleachers, dyers, and scourers	3,867	3,280
Barbers and hairdressers	11,140	6,013	Bone and ivory workers	689	1,780
Boarding and lodging house keepers	12,148	2,554	Bookbinders	6,360	3,414
Engineers and firemen (not locomotive)	2513	11,821	Boot and shoe makers and repairers	103,172	130,885
Hotel keepers	25,818	22,476	Bottlers and mineral and soda water makers	530	2452
Hunters, trappers, guides, and scouts	1,362	619	Box makers	2,634	940
Janitors			Brass workers (not otherwise specified)	2,099	1,926
Laborers (not specified)	971,723	910,973	Brewers and maltsters	6,397	24,854
Laundresses and laundresses	38,033		Brick and tile makers and terra cotta workers	13,740	11,514
Nurses and midwives	8,403		Britannia workers	334	
Restaurant and saloon keepers and bartenders	14,861	25,479	Broom and brush makers	3,027	2,747
Servants (f)	588,435	22,243	Builders and contractors	6,495	3,496
Sextons	896	436	Butchers	30,103	17,733
Soldiers, sailors, and marines (United States)		95,149	Butter and cheese makers		
Watchmen, policemen, and detectives	44,759	12,119	Button makers	778	433
Other domestic and personal service	329	70	Cabinet makers	29,223	237,359
			Candle, soap, and tallow makers	2,971	2,388

a None reported; probably included under "Farmers, planters, and over-
seers".

b Dairymen and milkmen; milkmen classified in 1890 under "Merchants
and dealers".

c Reported as civil and mechanical engineers and electricians; includes
evidently stationary engineers and possibly locomotive engineers.

d Firemen only; see "Engineers (civil, etc.) and surveyors", under "Pro-
fessional service".

e Barkeepers.

f Includes housekeepers and stewards.

g Soldiers.

h Watchmen and messengers.

i Watchmen.

k Includes commercial brokers.

l Includes stenographers and typewriters.

m Included with "Watchmen", under "Domestic and personal service".

n Includes locomotive engineers and firemen.

o Includes 86 returned as mineral water manufacturers.

p Brewers and distillers.

q Cabinet and chair makers.

NUMBER OF PERSONS IN THE UNITED STATES 16 YEARS OF AGE AND OVER, FREE MALES IN 1850 AND FREE PERSONS IN 1860, ENGAGED IN EACH SPECIFIED OCCUPATION—Continued.

OCCUPATIONS.	FREE PERSONS (EXCLUDING SLAVES).	FREE MALES (EXCLUDING SLAVES).	OCCUPATIONS.	FREE PERSONS (EXCLUDING SLAVES).	FREE MALES (EXCLUDING SLAVES).
	1860	1850		1860	1850
Manufacturing and mechanical industries—Continued.			Manufacturing and mechanical industries—Continued.		
Carpenters and joiners.....	251,208	197,343	Oil works employés.....	429	340
Carpet makers.....	1,481	1,218	Painters, glaziers, and varnishers.....	54,339	28,372
Carriage and wagon makers (not otherwise classified) ..	19,442	15,599	Paper hangers.....	2,005	2,502
Charcoal, coke, and lime burners.....	a1,659	a1,172	Paper mill operatives.....	41,772	42,671
Chemical works employés.....			Photographers.....	3,154	938
Clock and watch makers and repairers.....	5,835	4,082	Piano and organ makers and tuners, etc.....	3,639	2,094
Confectioners.....	6,293	3,871	Plasterers.....	13,110	(v)
Coopers.....	43,886	43,794	Plumbers and gas and steam fitters.....	6,010	1,808
Copper workers.....	1,964	1,760	Potters.....	3,470	4,155
Corset makers.....	37		Powder and cartridge makers.....	w376	244
Cotton mill operatives.....	(b)	(b)	Printers, lithographers, pressmen, etc. (y).....	23,766	14,886
Distillers and rectifiers.....	2,632	(c)	Print works operatives.....	2321	2226
Door, sash, and blind makers.....	d2,814	d2,026	Publishers of books, maps, and newspapers.....	1,034	993
Dressmakers, milliners, and seamstresses.....	151,955	103	Roofers and slaters.....	1,934	429
Electroplaters.....			Rope and cordage makers.....	2,687	2,200
Engravers.....	2,768	2,208	Rubber factory operatives.....	aa458	bb153
Fertilizer makers.....			Sail, awning, and tent makers.....	2,359	2,182
Gas works employés.....	464	148	Salt works employés.....	537	1,026
Glass workers.....	e3,628	f3,201	Saw and planing mill employés.....	18,025	13,327
Glovemakers.....	g753	g247	Sewing machine makers (not otherwise classified).....	100	
Gold and silver workers.....	4,078	3,379	Sewing machine operators.....	264	
Gunsmiths, locksmiths, and bell hangers.....	6,858	5,944	Ship and boat builders.....	21,116	19,034
Hair workers.....	460	299	Shirt, collar, and cuff makers.....	397	
Harness and saddle makers and repairers.....	26,444	23,412	Silk mill operatives.....	cc439	dd103
Hat and cap makers.....	h12,530	h11,024	Starch makers.....	ee78	ee162
Hosiery and knitting mill operatives.....	k999		Steam boiler makers.....	3,313	1,581
Iron and steel workers.....	17,215	15,540	Stove, furnace, and grate makers.....	985	981
Lace and embroidery makers.....	l638	m192	Straw workers.....	2,287	182
Lead and zinc workers.....	635	530	Sugar makers and refiners.....	f469	f307
Leather curriers, dressers, finishers, and tanners.....	15,936	16,950	Tailors and tailoresses.....	101,868	52,009
Machinists.....	43,824	24,095	Thinners and tinware makers.....	17,412	11,747
Manufacturers and officials of manufacturing companies.....	n16,035	o19,704	Tobacco and cigar factory operatives.....	pp21,425	hh10,823
Marble and stone cutters.....	19,825	14,076	Tool and cutlery makers (not otherwise classified).....	4,030	3,028
Masons (brick and stone).....	63,236	p63,392	Trunk, valise, leather-case, and pocket-book makers.....	ii1,882	kk1,354
Meat, fish, and fruit packers, canners, and preservers.....	121		Umbrella and parasol makers.....	l758	l722
Mechanics (not otherwise specified).....	23,492	16,004	Upholsterers.....	7,035	mm1,238
Metal workers (not otherwise specified).....	2,274	1,054	Well borers.....		
Mill and factory operatives (not specified).....	134,577	49,118	Wheelwrights.....	32,693	30,693
Millers (flour and grist).....	37,281	27,795	Whitewashers.....	1,574	419
Model and pattern makers.....	2,729	1,467	Wire workers.....	1,445	620
Molders.....	17,077	7,237	Wood workers (not otherwise specified).....	11,980	8,466
Nail and tack makers.....	q2,693	r2,040	Woolen mill operatives.....	nn2,430	nn3,200
Oil well employés.....			Other persons in manufacturing and mechanical industries.....	83,617	37,070

a Charcoal and lime burners.

b None reported; see "Mill and factory operatives (not specified)".

c See "Brewers and maltsters".

d Sash and blind makers.

e Includes 3,225 returned as glass manufacturers.

f Includes 3,237 returned as glass manufacturers.

g Returned as glovers.

h Includes 11,647 returned as hatters.

i Returned as hat and cap manufacturers.

k Knitters.

l Includes 353 returned as lace manufacturers.

m Returned as lace manufacturers.

n Not including persons returned as glovers, hatters, or glass, lace, nail, paper, pocket-book, powder and shot, rubber (india), silk, starch, sugar, or umbrella manufacturers, which have been classified as makers of the several articles specified.

o Not including persons returned as glovers, or glass, hat and cap, lace, mineral water, nail, paper, pocket-book, powder and shot, rubber (india), silk, starch, sugar, or umbrella manufacturers which have been classified as makers of the several articles specified.

p Masons and plasterers.

q Includes 2,065 returned as nail manufacturers.

r Returned as nail manufacturers.

s Paper hangers and upholsterers.

t Includes 4,578 returned as paper manufacturers.

u Returned as paper manufacturers.

v Included with "Masons (brick and stone)".

w Includes 357 returned as powder and shot manufacturers.

x Returned as powder and shot manufacturers.

y Includes compositors and electrotypes and stereotypers.

z Calico printers.

aa Includes 208 returned as india rubber manufacturers.

bb Returned as india rubber manufacturers.

cc Includes 415 returned as silk manufacturers.

dd Returned as silk manufacturers.

ee Returned as starch manufacturers.

ff Returned as sugar manufacturers.

gg Includes 21,413 returned as tobaccoists.

hh Returned as tobaccoists and cigar makers.

ii Includes 261 returned as pocket-book manufacturers.

kk Includes 193 returned as pocket-book manufacturers.

ll Returned as umbrella manufacturers.

mm Trimmers; upholsterers included with paper hangers.

nn Principally wool combers and carders; see "Mill and factory operatives (not specified)".

OCCUPATIONS.

cix

NUMBER OF MALES 10 YEARS OF AGE AND OVER ENGAGED IN EACH CLASS OF OCCUPATIONS, BY STATES AND TERRITORIES: 1870 TO 1890.

STATES AND TERRITORIES.	AGRICULTURE, FISHERIES, AND MINING.			PROFESSIONAL SERVICE.			DOMESTIC AND PERSONAL SERVICE.			TRADE AND TRANSPORTATION.			MANUFACTURING AND MECHANICAL INDUSTRIES.		
	1890	1880	1870	1890	1880	1870	1890	1880	1870	1890	1880	1870	1890	1880	1870
The United States..	8,333,813	7,409,970	5,744,314	632,046	425,947	278,841	2,602,879	2,321,937	1,338,063	3,097,701	1,803,029	1,200,571	4,064,051	2,783,459	2,008,240
North Atlantic division..	1,245,102	1,151,519	1,089,792	192,797	136,572	95,853	846,721	810,401	531,148	1,201,302	790,314	571,450	1,057,119	1,444,151	1,132,512
Maine.....	84,831	88,595	87,007	6,007	4,051	3,882	26,008	20,191	18,508	34,850	30,364	28,582	59,437	48,364	42,845
New Hampshire.....	42,360	45,429	47,272	3,529	2,750	2,808	14,428	13,108	5,907	18,339	12,028	8,860	40,189	89,016	81,686
Vermont.....	55,534	57,104	50,517	3,020	2,048	1,015	11,805	13,110	7,009	13,834	9,457	7,486	24,602	20,092	18,736
Massachusetts.....	80,163	72,367	79,101	26,248	16,715	12,118	96,765	82,816	61,732	174,239	115,503	85,336	326,761	259,630	213,256
Rhode Island.....	12,422	12,049	12,050	3,447	2,440	1,564	17,747	13,120	10,766	24,709	15,530	10,209	54,839	43,072	81,580
Connecticut.....	47,909	40,943	46,454	7,509	5,402	4,058	35,160	25,762	16,911	44,457	29,897	25,436	110,593	84,659	66,001
New York.....	401,520	385,134	382,185	76,484	54,307	36,863	327,552	282,212	194,552	481,790	334,545	238,100	634,430	408,006	362,279
New Jersey.....	73,477	65,659	67,422	15,600	10,240	7,393	81,334	68,055	47,026	111,385	65,678	46,223	177,671	120,462	82,961
Pennsylvania.....	446,877	378,239	307,224	50,944	37,101	25,762	332,020	286,581	169,537	297,699	177,273	121,128	507,597	359,890	262,568
South Atlantic division..	1,466,832	1,378,614	1,101,810	66,701	49,108	33,572	282,173	294,821	158,032	201,228	170,702	115,437	324,763	226,187	173,786
Delaware.....	18,895	17,941	16,022	1,505	1,097	818	10,313	11,027	5,781	8,331	4,077	3,521	15,294	11,610	8,164
Maryland.....	102,669	96,793	83,832	10,144	8,877	6,017	54,455	50,530	37,164	63,239	48,422	35,237	78,014	61,510	51,441
District of Columbia..	1,820	1,593	1,422	5,689	3,483	2,089	19,143	15,594	11,978	23,900	14,133	9,714	18,491	12,193	9,997
Virginia.....	255,009	244,576	233,233	11,965	9,191	7,433	58,545	78,283	37,577	56,640	30,878	20,714	63,905	48,115	38,507
West Virginia.....	126,631	110,078	75,448	6,397	4,501	2,722	19,427	18,349	7,189	22,239	10,778	7,009	27,387	20,025	14,708
North Carolina.....	318,711	316,974	243,015	8,971	6,910	4,597	29,087	28,099	18,540	28,171	10,088	10,163	37,231	25,224	16,088
South Carolina.....	239,567	209,712	148,173	5,070	4,612	2,911	22,335	20,666	12,571	21,024	13,554	8,466	22,597	14,471	10,234
Georgia.....	347,001	331,623	263,131	11,007	8,839	5,850	49,895	53,227	21,412	53,054	25,389	17,577	46,833	26,452	21,215
Florida.....	56,420	48,454	37,510	4,243	2,092	1,185	19,473	10,130	5,814	14,627	6,483	3,036	15,641	6,587	3,382
North Central division..	3,158,833	2,771,820	2,072,606	236,730	156,419	57,011	605,238	741,972	413,703	1,076,168	582,458	361,433	1,284,185	835,364	608,402
Ohio.....	418,806	403,183	410,810	41,783	30,460	20,471	178,034	145,933	84,286	180,978	105,208	70,584	273,058	197,043	162,200
Indiana.....	322,221	334,429	268,474	24,104	19,683	12,365	88,076	82,546	41,934	87,059	56,095	37,253	117,696	90,965	68,893
Illinois.....	443,550	448,966	383,920	41,170	28,525	20,000	175,101	133,034	80,553	227,246	126,264	80,671	266,107	156,200	113,510
Michigan.....	302,398	256,725	193,921	20,445	12,840	7,791	100,015	93,187	45,399	95,001	54,509	30,841	137,878	96,930	68,765
Wisconsin.....	236,168	199,855	161,010	18,545	8,062	5,708	73,196	57,405	32,121	63,830	36,344	22,011	108,490	69,400	45,523
Minnesota.....	191,596	133,164	76,247	14,060	5,846	2,724	57,076	34,819	16,004	68,185	24,271	11,000	71,644	81,948	15,762
Iowa.....	322,290	306,420	211,789	18,062	15,528	8,273	52,016	54,760	30,133	83,066	51,004	28,937	73,578	55,655	41,968
Missouri.....	392,245	357,966	269,144	27,963	19,088	14,441	91,005	84,813	62,775	132,038	70,748	53,014	128,258	88,401	60,571
North Dakota.....	43,131			1,045			4,407			6,505			3,968		
South Dakota.....	69,429	32,088	2,632	3,613	1,440	190	8,232	10,400	2,392	12,461	6,197	221	8,900	4,850	292
Nebraska.....	167,117	90,172	28,165	12,294	4,835	1,289	38,745	15,771	7,802	59,355	15,540	4,763	47,905	15,841	5,424
Kansas.....	249,867	208,852	78,585	18,840	9,194	3,690	35,225	28,704	11,404	58,804	27,248	12,128	46,103	28,936	16,530
South Central division..	2,623,282	1,818,716	1,301,000	86,914	61,011	41,231	288,575	288,569	143,281	304,300	158,314	110,895	269,014	165,640	125,767
Kentucky.....	314,212	318,564	259,584	16,135	12,852	8,857	51,904	51,994	32,950	57,940	33,721	25,834	66,095	40,401	37,069
Tennessee.....	313,070	277,527	249,576	14,983	9,944	7,684	48,480	50,440	22,602	52,126	24,009	17,770	40,512	29,042	24,047
Alabama.....	299,661	293,923	227,035	9,160	6,506	5,213	34,840	35,176	14,492	35,388	16,568	14,804	32,358	16,501	13,726
Mississippi.....	270,684	252,873	194,123	7,587	6,340	4,682	21,507	22,320	15,772	21,817	13,175	9,223	10,336	10,423	8,549
Louisiana.....	185,266	148,982	115,872	7,190	6,243	5,138	51,217	62,046	32,008	38,483	27,067	23,847	32,181	23,838	21,303
Texas.....	398,140	331,326	153,144	22,226	18,791	6,492	63,459	57,247	20,632	75,209	34,715	18,897	51,159	26,111	14,424
Oklahoma.....	13,617			843			1,844			2,025			2,020		
Arkansas.....	228,432	185,521	100,828	8,764	5,766	3,185	20,764	9,937	4,849	21,872	9,119	5,574	10,703	9,733	5,739
Western division.....	439,704	289,801	179,040	49,414	22,777	11,174	270,172	188,114	92,409	224,648	101,811	50,850	228,070	112,108	57,839
Montana.....	25,584	9,713	8,971	2,294	562	256	17,653	6,137	2,209	11,219	2,742	1,808	10,837	2,594	1,133
Wyoming.....	11,128	2,022	917	953	338	152	7,189	3,484	2,758	5,172	1,407	1,658	4,314	1,079	800
Colorado.....	58,548	43,055	8,719	7,458	3,641	518	32,650	18,920	2,864	38,779	15,101	2,850	35,355	15,755	2,196
New Mexico.....	26,190	15,719	18,936	1,380	706	322	14,831	16,553	5,198	4,903	8,249	902	3,407	2,243	923
Arizona.....	10,427	8,202	1,512	928	482	135	7,971	7,086	2,865	3,705	3,157	604	2,416	2,273	618
Utah.....	23,510	17,293	11,065	2,135	982	395	12,937	8,599	3,900	10,548	4,018	1,691	11,596	6,276	3,301
Nevada.....	10,404	11,221	11,054	730	770	780	4,626	9,208	6,770	3,251	4,243	3,028	2,680	5,288	4,241
Idaho.....	18,612	8,785	8,084	1,004	397	218	5,788	3,338	1,062	4,273	1,308	768	3,601	1,459	627
Washington.....	47,291	15,299	4,760	6,598	837	328	30,692	5,200	1,060	28,421	3,357	1,162	34,579	4,860	1,005
Oregon.....	50,080	34,635	17,520	5,007	2,075	1,121	21,847	13,013	4,401	18,534	6,022	2,687	20,520	8,919	4,229
California.....	167,990	123,457	87,502	20,921	11,897	6,039	110,102	93,976	58,713	95,843	57,117	33,608	98,766	61,856	33,106

PROGRESS OF THE NATION.

NUMBER OF FEMALES 10 YEARS OF AGE AND OVER ENGAGED IN EACH CLASS OF OCCUPATIONS, BY STATES AND TERRITORIES: 1870 TO 1890.

STATES AND TERRITORIES.	AGRICULTURE, FISHERIES, AND MINING.			PROFESSIONAL SERVICE.			DOMESTIC AND PERSONAL SERVICE.			TRADE AND TRANS- PORTATION.			MANUFACTURING AND MECHANICAL INDUSTRIES.		
	1890	1880	1870	1890	1880	1870	1890	1880	1870	1890	1880	1870	1890	1880	1870
The United States.....	679,523	594,654	397,049	311,687	177,255	92,257	1,667,698	1,181,506	973,157	228,421	62,852	19,828	1,027,242	630,890	353,997
North Atlantic division.....	20,848	4,955	2,693	106,071	70,979	43,956	576,792	437,101	363,904	115,477	38,458	13,566	608,631	425,002	261,710
Maine.....	1,465	244	55	6,357	5,203	3,805	14,183	10,520	11,533	2,441	803	251	20,017	16,758	12,737
New Hampshire.....	622	193	11	3,302	3,843	1,991	9,283	8,157	7,702	1,432	600	401	22,210	17,335	14,030
Vermont.....	649	214	94	8,247	2,772	1,820	10,254	9,380	9,533	717	173	30	5,100	3,028	2,023
Massachusetts.....	937	229	54	10,999	10,573	7,114	86,183	58,838	48,279	22,274	6,581	2,020	136,885	97,962	70,824
Rhode Island.....	184	35	14	1,999	1,384	768	11,159	7,794	6,579	2,663	620	213	20,709	20,070	14,141
Connecticut.....	707	97	130	4,970	3,485	2,407	24,907	17,158	15,134	4,926	1,065	230	35,804	26,865	16,060
New York.....	8,003	2,266	808	28,892	25,370	16,650	226,885	180,143	155,138	45,774	15,833	4,818	193,786	180,769	79,565
New Jersey.....	1,412	305	187	6,763	3,892	1,902	46,188	31,189	27,143	8,687	2,406	1,007	46,221	28,864	14,172
Pennsylvania.....	6,209	1,312	1,280	24,136	14,597	7,429	145,760	114,012	82,863	26,563	10,377	4,596	121,290	76,775	38,157
South Atlantic division.....	247,486	264,039	184,774	25,570	13,141	6,206	309,639	228,087	193,127	17,523	6,734	2,823	86,051	46,209	26,240
Delaware.....	307	241	66	708	425	229	5,969	5,142	4,544	714	258	92	2,710	1,862	1,070
Maryland.....	2,727	1,759	1,260	4,432	2,561	1,065	47,846	37,342	34,908	5,740	2,446	948	24,001	14,692	6,671
District of Columbia.....	57	19	15	1,619	848	347	20,580	14,920	10,675	4,901	2,115	1,178	4,880	2,656	1,620
Virginia.....	16,736	15,149	10,463	5,730	2,870	1,457	67,714	56,123	51,317	1,877	606	193	14,309	8,449	5,769
West Virginia.....	3,259	598	245	2,265	1,035	360	11,997	8,282	6,702	734	140	10	3,455	1,447	830
North Carolina.....	55,648	46,724	28,233	3,325	1,629	1,009	42,177	32,018	27,297	628	176	81	18,414	5,529	2,327
South Carolina.....	82,450	85,930	58,946	2,223	1,312	599	29,437	28,642	18,259	711	402	238	8,610	3,801	2,004
Georgia.....	70,527	102,349	73,033	4,662	2,150	1,023	71,457	49,102	35,621	1,716	527	73	12,161	7,204	4,777
Florida.....	9,778	11,270	5,548	1,266	311	111	12,522	5,516	3,894	406	58	7	2,511	629	260
North Central division.....	80,270	15,427	6,309	134,617	74,203	34,810	473,913	310,403	249,243	74,076	13,233	2,284	248,913	123,714	49,569
Ohio.....	10,213	1,375	761	20,130	12,551	8,607	81,605	62,772	55,700	14,600	3,069	869	57,329	31,872	17,583
Indiana.....	8,348	1,634	423	10,415	6,467	3,202	39,042	30,703	23,359	5,285	1,194	143	21,812	11,404	8,978
Illinois.....	12,929	2,582	1,040	21,946	12,570	6,447	92,944	59,001	46,162	19,458	3,554	540	53,033	27,994	9,094
Michigan.....	6,103	973	176	13,045	8,295	4,269	45,205	31,631	47,696	7,285	1,501	107	24,220	12,613	5,190
Wisconsin.....	5,931	1,521	1,387	10,733	6,873	3,379	38,802	26,454	16,772	4,790	1,010	213	20,805	10,535	3,784
Minnesota.....	3,826	710	494	8,707	3,875	1,349	36,717	15,791	8,057	4,271	417	28	12,104	4,275	632
Iowa.....	8,094	1,387	356	18,800	11,050	4,688	33,016	23,288	15,271	4,431	684	53	16,070	8,436	2,758
Missouri.....	12,420	3,634	1,325	11,562	6,936	1,822	56,291	40,119	30,016	7,993	1,627	301	24,649	11,527	5,247
North Dakota.....	824	140	.....	1,113	.....	.....	4,875	.....	.....	174	.....	.....	829	.....	.....
South Dakota.....	1,410	.....	.....	2,882	348	20	5,679	2,014	122	389	38	.....	1,598	311	18
Nebraska.....	3,457	626	32	7,245	2,274	174	20,527	5,685	1,492	3,528	147	3	7,887	1,723	193
Kansas.....	6,715	846	310	8,539	3,844	853	18,820	11,315	4,596	2,802	292	27	8,571	3,024	723
South Central division.....	323,922	309,049	202,684	27,349	12,444	5,520	247,134	181,038	152,664	10,058	3,135	975	53,406	23,648	12,648
Kentucky.....	11,873	5,129	3,672	6,015	3,023	1,485	46,305	37,786	40,562	3,205	798	333	15,980	7,681	4,244
Tennessee.....	23,816	18,533	10,068	4,467	1,955	931	41,550	31,844	23,389	1,780	443	92	8,660	3,633	1,023
Alabama.....	80,991	89,156	64,861	2,772	1,551	874	38,640	29,475	21,806	911	351	96	6,661	3,523	1,081
Mississippi.....	69,365	87,616	65,474	3,275	1,843	719	28,267	19,041	19,372	600	127	73	3,301	1,790	803
Louisiana.....	55,464	57,770	26,937	2,830	1,545	750	38,851	30,458	27,722	2,103	1,067	329	9,533	4,212	2,510
Texas.....	34,178	29,192	14,031	5,897	1,941	490	37,210	25,433	13,224	1,824	274	36	6,003	2,103	810
Oklahoma.....	311	.....	.....	174	.....	.....	374	.....	.....	50	.....	.....	148	.....	.....
Arkansas.....	27,024	21,653	8,641	1,910	581	271	15,628	7,601	6,589	485	75	16	2,217	706	279
Western division.....	6,997	1,144	589	17,480	6,488	1,705	60,220	24,187	14,210	9,487	1,192	180	30,241	12,197	3,872
Montana.....	196	9	1	606	107	22	2,633	308	134	224	7	4	927	76	10
Wyoming.....	73	4	1	250	36	4	1,165	333	267	86	17	1	320	74	27
Colorado.....	695	88	.....	2,372	583	83	10,206	2,994	342	1,759	156	7	4,025	958	51
New Mexico.....	421	115	236	326	86	19	2,521	1,713	1,973	76	12	.....	590	336	852
Arizona.....	101	12	1	167	39	.....	651	302	125	33	10	4	317	102	156
Utah.....	573	80	11	708	299	51	3,498	1,575	831	540	122	18	1,757	811	114
Nevada.....	132	34	7	330	216	46	924	858	232	57	12	1	381	353	157
Idaho.....	202	11	2	291	53	14	930	157	97	85	6	3	386	64	9
Washington.....	652	78	12	1,616	289	43	5,590	525	161	845	13	5	2,403	158	15
Oregon.....	903	94	16	1,919	679	149	4,695	1,279	416	839	42	11	2,440	685	91
California.....	2,662	619	302	8,835	4,101	1,884	20,958	14,113	9,531	4,943	789	120	16,695	8,580	2,387

OCCUPATIONS.

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PER CENT OF MALES IN EACH CLASS OF OCCUPATIONS OF TOTAL MALES 10 YEARS OF AGE AND OVER ENGAGED IN GAINFUL OCCUPATIONS, BY STATES AND TERRITORIES: 1870 TO 1890.

STATES AND TERRITORIES.	AGRICULTURE, FISHERIES, AND MINING.			PROFESSIONAL SERVICE.			DOMESTIC AND PERSONAL SERVICE.			TRADE AND TRANS- PORTATION.			MANUFACTURING AND MECHANICAL INDUSTRIES.		
	1890	1880	1870	1890	1880	1870	1890	1880	1870	1890	1880	1870	1890	1880	1870
The United States.....	44.28	50.25	53.84	3.30	2.89	2.61	14.31	15.75	12.55	10.46	12.23	11.34	21.59	18.83	10.00
North Atlantic division.....	22.46	26.58	31.86	3.48	3.15	2.80	17.08	18.70	15.53	21.67	18.24	10.70	35.31	33.33	33.11
Maine.....	40.01	44.04	48.93	2.33	2.49	2.40	12.69	13.20	9.18	10.44	15.30	15.00	28.03	24.37	23.83
New Hampshire.....	33.13	40.44	40.22	2.76	2.45	2.40	11.29	11.67	6.15	14.34	10.71	9.23	38.48	34.73	33.03
Vermont.....	51.05	55.76	62.47	2.78	2.53	2.01	10.85	12.81	7.99	12.71	9.23	7.80	22.61	19.02	19.07
Massachusetts.....	11.15	13.24	17.52	3.65	3.00	2.68	13.87	15.06	13.67	24.23	21.14	18.90	47.10	47.50	47.23
Rhode Island.....	10.98	13.83	18.92	3.05	2.80	2.34	15.68	15.06	16.10	21.83	17.84	15.41	48.46	50.47	47.23
Connecticut.....	19.50	24.37	29.13	3.06	2.80	2.54	14.32	13.97	10.61	18.10	15.52	15.95	45.02	43.94	41.77
New York.....	20.89	25.27	30.97	3.08	3.56	2.99	17.05	18.51	15.77	25.07	21.95	19.29	33.01	30.71	30.98
New Jersey.....	15.09	19.89	26.79	3.40	3.10	2.94	17.17	20.62	18.93	24.24	19.90	18.87	38.67	36.49	32.97
Pennsylvania.....	27.93	30.53	34.07	3.11	2.99	2.90	20.31	23.13	19.13	18.21	14.31	13.67	31.04	29.04	29.63
South Atlantic division.....	60.32	65.05	69.62	2.75	2.33	2.12	11.60	13.91	9.93	11.98	8.05	7.29	13.35	10.67	10.08
Delaware.....	34.10	38.46	46.70	2.79	2.35	2.39	13.12	23.04	16.85	15.45	10.67	10.26	28.54	24.83	23.80
Maryland.....	33.23	36.44	39.43	3.29	3.15	2.82	17.05	19.02	17.89	20.49	18.23	16.49	25.20	23.16	24.07
District of Columbia.....	2.65	3.33	4.04	8.25	7.42	5.93	27.75	33.20	34.03	34.64	30.09	27.60	26.71	25.96	28.40
Virginia.....	57.24	59.50	69.11	2.69	2.24	2.20	13.14	19.04	11.14	12.72	7.51	6.14	14.21	11.71	11.41
West Virginia.....	62.66	67.39	70.46	3.17	2.77	2.54	9.61	11.14	6.71	11.00	6.54	6.55	13.56	12.16	13.74
North Carolina.....	75.49	80.01	83.11	2.12	1.76	1.57	6.89	7.12	6.34	6.68	4.09	3.43	8.82	6.42	5.50
South Carolina.....	76.93	77.10	81.26	1.92	1.69	1.90	7.17	10.91	6.89	6.75	4.98	4.64	7.23	5.32	5.01
Georgia.....	68.32	74.43	79.93	2.34	1.98	1.78	9.71	11.95	6.50	10.43	5.70	5.34	9.20	5.94	6.45
Florida.....	51.10	65.70	73.72	3.84	2.84	2.23	17.64	13.74	11.43	13.25	8.70	5.97	14.17	8.93	6.65
North Central division.....	47.42	54.48	58.33	3.55	3.07	2.73	13.59	14.53	11.65	10.10	11.45	10.17	19.23	16.42	17.12
Ohio.....	38.47	45.72	54.24	3.64	3.40	2.70	15.93	16.55	11.13	16.62	11.93	10.51	25.14	22.34	21.42
Indiana.....	50.41	57.30	62.69	3.77	3.37	2.89	13.79	14.14	9.65	13.62	9.00	8.70	18.41	15.59	16.07
Illinois.....	38.40	50.24	56.50	3.58	3.19	2.96	15.19	14.95	11.87	19.70	14.13	11.89	23.07	17.49	16.72
Michigan.....	45.57	49.93	55.93	3.08	2.50	2.25	16.11	18.12	13.09	14.46	10.60	8.99	20.78	18.85	19.83
Wisconsin.....	47.69	53.80	60.58	2.73	2.42	2.14	14.78	15.47	12.02	12.80	9.79	8.23	21.91	18.40	17.03
Minnesota.....	47.49	57.88	62.60	3.48	2.54	2.24	14.37	15.14	13.14	10.90	10.55	9.08	17.78	13.89	12.94
Iowa.....	58.45	63.33	65.95	3.44	3.21	2.58	9.60	11.33	9.38	15.17	10.57	9.02	13.34	11.51	13.07
Missouri.....	50.84	56.82	67.01	3.62	3.03	3.09	11.80	13.46	13.45	17.12	12.06	11.55	16.62	14.03	14.90
North Dakota.....	71.94	58.35	45.96	3.24	2.63	3.32	7.35	18.01	41.76	10.85	11.27	3.86	6.62	8.84	5.10
South Dakota.....	67.65	58.35	45.96	3.52	2.63	3.32	8.02	18.01	41.76	12.14	11.27	3.86	8.67	8.84	5.10
Nebraska.....	51.35	63.43	55.23	3.73	3.40	3.07	11.91	11.10	17.41	18.24	10.93	11.86	14.72	11.14	12.03
Kansas.....	61.42	68.94	62.71	4.14	3.04	3.14	8.06	9.48	9.72	14.45	8.99	10.34	11.33	9.55	14.09
South Central division.....	68.05	72.97	75.57	2.02	2.45	2.40	9.71	11.58	8.32	10.24	6.35	6.41	9.08	6.65	7.30
Kentucky.....	61.08	68.45	71.26	3.18	2.65	2.43	10.25	11.04	9.05	11.43	7.25	7.09	13.16	10.61	10.17
Tennessee.....	60.16	70.88	77.37	3.17	2.54	2.38	9.19	12.88	7.01	11.02	6.13	5.51	10.46	7.57	7.73
Alabama.....	72.85	70.71	82.60	2.23	1.78	1.89	8.46	9.54	5.25	8.00	4.40	5.19	7.86	4.48	4.98
Mississippi.....	80.11	82.83	83.55	2.24	2.08	2.01	6.36	7.32	6.70	6.40	4.30	3.97	4.83	3.42	3.68
Louisiana.....	58.95	55.55	58.47	2.20	2.33	2.50	16.30	23.14	16.15	12.24	10.09	12.04	10.22	8.89	10.75
Texas.....	65.25	71.53	73.44	3.64	2.98	3.11	10.40	12.36	9.89	12.33	7.49	6.64	8.38	5.64	6.92
Oklahoma.....	68.00	68.00	68.00	4.25	4.25	4.25	6.77	6.77	6.77	10.20	10.20	10.20	10.18	10.18	10.18
Arkansas.....	76.39	84.98	83.91	2.93	2.51	2.63	6.94	4.32	4.04	7.15	3.06	4.04	6.59	4.23	4.78
Western division.....	36.28	40.63	45.74	4.08	3.20	2.86	22.29	26.13	23.63	18.53	14.30	12.99	18.82	15.74	14.78
Montana.....	37.86	44.60	64.05	3.39	2.58	1.84	26.12	28.22	15.92	16.60	12.61	9.43	16.03	11.93	8.16
Wyoming.....	38.72	24.01	14.45	3.32	4.01	2.40	24.95	41.38	43.47	18.00	17.78	26.13	15.01	12.82	13.55
Colorado.....	33.88	44.63	50.85	4.32	3.78	3.02	18.90	19.01	16.70	22.44	15.05	16.62	20.46	16.33	12.81
New Mexico.....	52.15	40.76	72.05	2.77	2.06	1.23	28.54	42.02	19.78	9.76	8.43	3.43	6.73	5.82	3.51
Arizona.....	41.96	37.62	26.37	3.73	2.21	2.35	29.67	35.20	49.97	14.02	14.48	10.53	9.72	10.43	10.78
Utah.....	39.30	40.53	54.13	3.57	2.64	1.93	20.12	23.14	19.52	17.63	10.81	8.27	19.38	16.88	16.15
Nevada.....	48.19	36.61	41.70	3.38	2.51	2.95	20.96	29.90	25.58	15.09	13.81	13.69	12.41	17.21	16.02
Idaho.....	55.93	57.47	75.17	3.02	2.60	2.03	17.39	21.83	9.88	12.84	8.50	7.09	10.82	9.54	5.83
Washington.....	30.79	54.65	49.98	4.30	2.88	3.44	23.89	17.00	17.53	18.61	11.55	12.20	22.51	15.02	16.85
Oregon.....	43.18	53.49	56.46	4.32	3.21	3.77	18.83	20.16	14.60	15.98	9.33	8.97	17.69	13.81	14.11
California.....	32.67	35.44	38.91	4.32	3.42	3.09	22.77	26.98	26.11	19.82	16.40	14.94	20.42	17.76	16.95

PER CENT OF FEMALES IN EACH CLASS OF OCCUPATIONS OF TOTAL FEMALES 10 YEARS OF AGE AND OVER
ENGAGED IN GAINFUL OCCUPATIONS, BY STATES AND TERRITORIES: 1870 TO 1890.

STATES AND TERRITORIES.	AGRICULTURE, FISHERIES, AND MINING.			PROFESSIONAL SERVICE.			DOMESTIC AND PERSONAL SERVICE.			TRADE AND TRANS- PORTATION.			MANUFACTURING AND MECHANICAL INDUSTRIES.		
	1890	1880	1870	1890	1880	1870	1890	1880	1870	1890	1880	1870	1890	1880	1870
The United States	17.36	22.46	21.62	7.96	6.70	5.02	42.60	44.63	53.00	5.84	2.38	1.08	26.24	23.83	19.28
North Atlantic division	1.46	0.51	0.39	7.47	7.27	6.41	40.38	44.70	53.00	8.03	8.94	1.98	42.61	43.52	38.16
Maine	3.25	0.73	0.19	14.11	15.52	13.59	31.47	31.38	40.55	5.42	2.89	0.88	45.75	49.98	44.79
New Hampshire	1.69	0.64	0.05	8.96	12.76	8.25	25.19	27.07	31.91	3.88	1.99	1.00	60.28	57.54	58.13
Vermont	3.26	1.32	0.70	16.26	17.15	13.48	51.35	58.02	70.61	3.59	1.07	0.22	25.54	22.44	14.09
Massachusetts	0.86	0.13	0.04	6.46	0.67	5.55	32.73	33.78	37.03	8.46	3.78	1.57	51.99	50.24	55.21
Rhode Island	0.44	0.12	0.06	4.68	4.47	3.54	26.12	26.10	30.30	6.23	2.08	0.98	62.53	67.23	65.12
Connecticut	1.07	0.20	0.38	0.98	7.16	7.09	34.89	35.25	44.56	6.90	2.19	0.68	50.16	55.20	47.29
New York	1.67	0.63	0.34	7.57	7.04	6.48	44.14	40.99	60.36	8.91	4.39	1.87	87.71	37.95	30.05
New Jersey	1.27	0.59	0.42	6.08	5.83	4.23	43.30	46.71	61.12	7.81	3.60	2.27	41.54	43.27	91.91
Pennsylvania	1.92	0.61	0.95	7.45	6.69	5.54	44.99	52.54	61.68	8.20	4.78	3.42	37.44	35.38	28.41
South Atlantic division	36.06	47.29	44.72	3.73	2.35	1.50	45.12	40.86	46.74	2.55	1.21	0.60	12.54	8.29	0.35
Delaware	2.07	3.04	1.10	6.84	5.86	3.81	57.10	64.86	75.65	0.90	3.25	1.53	26.10	23.49	17.01
Maryland	3.22	2.99	2.81	5.23	4.85	2.38	56.45	63.51	77.83	0.78	4.16	2.11	28.32	24.99	14.87
District of Columbia	0.18	0.10	0.11	5.04	4.31	2.51	64.06	71.37	77.12	15.53	10.76	8.51	15.19	13.51	11.75
Virginia	15.73	18.21	21.90	5.39	3.45	1.94	63.67	67.46	63.24	1.76	0.73	0.25	13.45	10.15	7.67
West Virginia	15.00	5.20	3.01	10.43	8.99	4.42	55.27	71.97	82.20	3.38	1.27	0.12	15.92	12.57	10.25
North Carolina	48.31	53.72	47.97	2.89	1.87	1.72	36.61	37.85	46.22	0.55	0.20	0.14	11.64	6.36	3.95
South Carolina	68.34	71.50	72.82	1.72	1.09	0.74	22.74	23.85	22.56	0.55	0.33	0.29	6.65	3.17	3.60
Georgia	44.11	67.19	64.07	2.54	1.41	0.89	44.08	26.32	30.84	1.07	0.35	0.06	7.00	4.73	4.14
Florida	37.01	63.37	56.46	4.56	1.75	1.13	47.39	31.02	39.63	1.54	0.32	0.07	9.50	8.54	2.71
North Central division	7.03	2.88	1.84	13.20	13.82	10.17	46.80	57.79	72.85	7.40	2.48	0.67	24.58	23.03	14.47
Ohio	5.54	1.22	0.91	10.93	11.14	10.31	44.47	56.62	66.09	7.93	2.72	1.04	31.13	28.30	21.05
Indiana	9.83	3.18	1.38	12.27	12.61	10.29	45.98	59.71	75.08	0.22	2.32	0.46	25.70	22.18	12.79
Illinois	6.45	2.43	1.04	10.96	11.85	10.19	46.40	56.17	72.95	9.71	3.16	0.85	26.48	26.39	14.37
Michigan	6.36	1.77	0.81	13.60	15.08	7.43	47.21	57.50	83.02	7.59	2.73	0.19	25.24	22.92	9.05
Wisconsin	7.32	3.28	5.43	13.24	14.81	13.23	47.87	57.02	65.08	5.91	2.18	0.84	26.66	22.71	14.82
Minnesota	5.83	2.87	4.55	13.27	15.45	12.43	55.95	62.97	74.19	6.51	1.66	0.26	18.44	17.05	8.53
Iowa	10.06	3.00	1.54	23.38	24.64	20.27	41.06	51.93	66.03	5.51	1.53	0.23	19.90	18.81	11.93
Missouri	11.01	5.77	3.42	10.19	9.59	4.71	49.89	63.74	77.54	7.06	2.59	0.78	21.85	18.31	13.55
North Dakota	10.54	4.61	-----	14.24	12.21	12.50	62.38	-----	-----	2.23	-----	-----	10.61	-----	-----
South Dakota	12.81	-----	-----	20.79	-----	-----	49.56	70.64	76.25	3.39	1.33	-----	13.95	10.91	11.25
Nebraska	8.11	5.09	1.69	16.99	21.75	9.19	48.14	54.37	78.77	8.27	1.41	0.16	18.40	16.43	10.19
Kansas	14.75	4.87	4.76	18.90	19.86	13.11	41.36	58.63	70.61	6.16	1.51	0.41	18.83	15.63	11.11
South Central division	48.87	58.32	54.12	4.13	2.35	1.47	37.29	34.28	40.77	1.65	0.59	0.26	8.06	4.46	3.38
Kentucky	14.24	9.43	7.30	7.21	5.56	2.96	55.54	69.43	80.65	3.84	1.47	0.66	10.17	14.11	8.43
Tennessee	29.55	32.85	42.00	5.54	3.47	2.05	51.95	56.45	51.52	2.21	0.79	0.20	10.75	6.44	4.23
Alabama	62.31	71.87	72.37	2.13	1.25	0.98	29.73	23.76	24.33	0.71	0.28	0.11	5.12	2.84	2.21
Mississippi	71.60	79.35	75.60	2.62	1.67	0.83	22.65	17.24	22.40	0.49	0.12	0.08	2.64	1.62	1.00
Louisiana	50.99	60.78	46.22	2.61	1.63	1.29	35.71	32.04	47.56	1.93	1.12	0.56	8.76	4.43	4.37
Texas	39.73	49.53	49.07	6.86	8.29	1.71	43.26	43.15	46.24	2.12	0.46	0.13	8.03	3.57	2.85
Oklahoma	29.42	-----	-----	16.46	-----	-----	35.38	-----	-----	4.73	-----	-----	14.00	-----	-----
Arkansas	57.97	70.72	54.70	3.98	1.99	1.72	32.44	24.83	41.71	1.01	0.24	0.10	4.60	2.31	1.77
Western division	5.63	2.53	2.86	14.05	14.35	8.56	48.40	53.50	63.94	7.62	2.04	0.87	24.30	26.98	18.77
Montana	4.23	1.78	0.58	13.07	21.10	12.87	57.87	60.75	78.36	4.63	1.38	2.34	20.00	14.99	5.85
Wyoming	3.85	0.88	0.33	13.20	7.76	1.34	61.51	71.77	89.00	4.54	3.66	0.33	16.90	15.95	9.69
Colorado	3.63	1.84	-----	12.39	12.20	7.57	53.77	62.65	78.44	9.19	8.26	1.61	21.02	20.05	12.38
New Mexico	10.70	5.08	7.66	8.29	3.80	0.62	64.08	75.73	64.06	1.83	0.53	-----	15.00	14.86	27.66
Arizona	6.44	2.55	0.34	10.64	8.28	-----	60.62	64.12	45.61	2.10	3.40	1.35	20.20	21.65	52.70
Utah	8.10	2.77	1.02	10.01	10.36	4.74	49.43	54.55	81.95	7.63	4.23	1.68	24.83	28.09	10.01
Nevada	7.24	2.26	1.58	18.09	14.37	10.38	50.66	59.08	52.37	3.12	0.80	0.23	20.89	23.49	35.44
Idaho	10.07	3.78	1.60	15.36	18.21	11.20	49.10	53.95	77.60	4.49	2.06	2.40	20.38	22.00	7.20
Washington	5.87	7.34	5.08	14.54	27.10	18.22	50.37	49.39	68.22	7.00	1.22	2.12	21.62	14.86	6.86
Oregon	8.34	3.58	2.34	17.78	24.43	21.82	43.50	46.03	60.91	7.77	1.51	1.61	22.61	24.65	13.93
California	5.04	2.20	2.19	14.69	14.54	10.04	44.53	50.04	69.53	8.16	2.80	0.92	27.58	30.42	17.33

The presentation of occupations in 1890 covers many important details not heretofore found in the reports of the federal census. The subdivision of persons at work according to age and nationality, as given in the census reports for 1870 and 1880, has not only been maintained in 1890, but the number of persons engaged in gainful occupations at the latter census have been subdivided in detail according to general nativity and color, age periods, conjugal condition, illiteracy, inability to speak English, months unemployed, country of birth, birthplace of mothers, and citizenship. The statistics of occupations with respect to each of these subdivisions are considered briefly in the order named.

OCCUPATIONS BY GENERAL NATIVITY AND COLOR.

As already shown, not quite one-half of the total population 10 years of age and over in 1890 were engaged in gainful occupations, but when considered with respect to general nativity and color the proportion varies widely, especially with regard to the proportion of males and females at work among each element of the population. These results are presented in detail by sex in the following statement:

GENERAL NATIVITY AND COLOR.	POPULATION 10 YEARS OF AGE AND OVER.			MALE POPULATION 10 YEARS OF AGE AND OVER.			FEMALE POPULATION 10 YEARS OF AGE AND OVER.		
	Total.	Number and per cent engaged in gainful occupations.		Total.	Number and per cent engaged in gainful occupations.		Total.	Number and per cent engaged in gainful occupations.	
		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.
Aggregate.....	47,413,559	22,735,661	47.95	24,352,659	18,821,030	77.29	23,060,900	3,914,571	18.97
Total white.....	41,931,074	19,542,188	46.61	21,573,245	16,603,147	76.94	20,352,829	2,939,041	14.44
Native white.....	33,144,187	14,437,431	43.56	16,796,497	12,273,541	73.07	16,347,690	2,163,880	13.24
Native parents.....	25,375,766	10,895,023	42.93	12,901,102	9,535,827	73.91	12,474,664	1,359,196	10.90
Foreign parents.....	7,768,421	3,542,408	45.60	3,895,395	2,737,714	70.28	3,878,026	804,694	20.78
Foreign white.....	8,786,887	5,104,757	58.10	4,781,748	4,329,606	90.54	4,005,139	775,151	19.35
Total colored (a).....	5,482,465	3,193,473	58.25	2,774,414	2,217,943	79.94	2,708,071	975,530	36.02
Persons of negro descent.....	5,328,972	3,073,164	57.67	2,646,171	2,101,979	79.41	2,682,801	971,785	36.23

a Persons of negro descent, Chinese, Japanese, and civilized Indians.

As shown by the above table, foreign white persons at work in 1890 constituted 58.10 per cent and colored persons at work 58.25 per cent, respectively, of the whole number of each element 10 years of age and over. Among the native white element; those of foreign parentage had only 45.60 per cent of their whole number 10 years of age and over at work and those of native parentage but 42.93 per cent. Of the foreign white males 10 years of age and over in 1890, fully nine-tenths were at work, and of the total colored males of the same age, very nearly four-fifths were at work. Native white males of native parentage 10 years of age and over had a larger percentage at work than native white males of foreign parentage of the same age, or 73.91 per cent for the former as compared with 70.28 per cent for the latter. For the females, however, the largest proportion at work in 1890 was found among the colored, this element showing 36.02 per cent of those 10 years of age and over at work. The foreign white element among the females had 19.35 per cent of its number 10 years of age and over at work, native white females of foreign parentage 20.78 per cent, and native white females of native parentage 10.90 per cent.

The tables following show, by states and territories, the number and percentage of males and females 10 years of age and over engaged in gainful occupations for each element of the population in 1890.

STATES AND TERRITORIES.	NATIVE WHITE MALE POPULATION OF NATIVE PARENTAGE 10 YEARS OF AGE AND OVER.			NATIVE WHITE MALE POPULATION OF FOREIGN PARENTAGE 10 YEARS OF AGE AND OVER.			FOREIGN WHITE MALE POPULATION 10 YEARS OF AGE AND OVER.			COLORED MALE POPULATION (a) 10 YEARS OF AGE AND OVER.		
	Total.	Number and per cent engaged in gainful occupations.		Total.	Number and per cent engaged in gainful occupations.		Total.	Number and per cent engaged in gainful occupations.		Total.	Number and per cent engaged in gainful occupations.	
		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.
The United States.....	12,901,102	9,535,827	73.91	3,895,895	2,787,713	70.28	4,781,748	4,829,607	90.54	2,774,414	2,217,943	79.94
North Atlantic division.....	3,411,811	2,615,285	76.65	1,475,847	1,094,170	74.15	1,900,057	1,734,451	91.28	117,051	93,136	84.69
Maine.....	208,575	160,480	76.94	25,067	17,986	71.67	37,318	32,897	88.15	827	690	83.43
New Hampshire.....	107,428	86,946	80.93	15,016	10,436	69.50	33,136	30,158	91.01	348	308	87.93
Vermont.....	92,308	71,467	77.35	22,574	16,473	72.97	22,490	20,493	91.12	437	371	84.90
Massachusetts.....	385,504	304,050	78.86	193,379	135,982	70.32	297,974	270,405	90.75	10,146	8,729	86.03
Rhode Island.....	54,988	44,015	80.04	29,902	22,441	75.05	48,123	44,233	91.92	2,942	2,475	84.13
Connecticut.....	142,917	113,356	79.32	63,185	45,567	72.12	89,377	82,308	92.09	5,196	4,403	84.74
New York.....	960,307	731,846	76.21	623,536	468,970	74.14	761,596	694,448	91.18	81,183	26,521	85.05
New Jersey.....	263,968	204,445	77.45	122,408	89,156	72.84	162,517	149,055	91.72	19,694	16,811	85.36
Pennsylvania.....	1,195,668	898,680	75.16	371,582	287,179	77.29	447,526	410,454	91.72	46,278	38,830	83.91
South Atlantic division.....	1,815,149	1,336,905	73.65	122,311	93,767	76.66	108,562	96,894	89.25	1,132,747	904,221	79.83
Delaware.....	42,879	33,115	77.23	6,534	5,155	78.90	6,750	6,294	93.24	11,146	9,374	84.10
Maryland.....	209,374	157,102	75.03	58,263	46,058	79.05	46,311	41,981	90.66	78,537	63,374	80.09
District of Columbia.....	41,566	31,697	76.18	10,919	8,145	74.59	9,551	7,849	82.18	26,667	21,331	79.99
Virginia.....	355,748	259,202	72.86	10,516	7,285	69.28	11,982	9,431	78.71	220,431	169,555	76.92
West Virginia.....	240,803	168,639	70.03	16,201	12,274	75.76	10,577	9,670	91.42	13,995	11,498	82.16
North Carolina.....	364,000	269,215	73.84	2,813	2,089	74.30	2,262	2,067	91.38	190,089	148,800	78.28
South Carolina.....	156,078	118,095	75.66	4,198	3,218	76.66	3,541	3,310	93.48	231,640	186,800	80.64
Georgia.....	333,127	249,179	74.80	7,544	5,773	76.52	7,280	6,811	93.56	299,971	247,027	82.35
Florida.....	70,974	50,691	71.42	5,323	3,770	70.82	10,308	9,481	91.98	60,262	46,462	77.10
North Central division.....	4,621,198	3,346,711	72.42	1,855,562	1,226,588	66.64	2,108,841	1,936,251	89.23	182,484	141,599	77.00
Ohio.....	873,266	629,264	72.06	292,721	218,223	74.55	240,202	212,791	88.59	96,241	28,331	78.17
Indiana.....	639,550	466,494	72.94	117,947	86,471	73.31	79,159	71,381	90.17	18,712	14,810	79.15
Illinois.....	704,443	508,121	72.13	338,211	230,024	68.01	439,592	395,000	89.87	24,913	20,024	80.38
Michigan.....	363,583	274,109	75.39	191,852	126,147	65.75	286,931	256,510	89.40	6,797	6,861	77.09
Wisconsin.....	149,717	105,419	70.41	230,833	146,421	63.43	274,723	241,503	87.91	2,095	1,886	69.98
Minnesota.....	119,012	89,499	75.20	146,878	84,591	57.59	254,760	227,246	89.20	2,692	2,125	78.94
Iowa.....	401,934	285,810	71.11	173,010	105,748	60.54	175,541	156,162	89.53	4,649	3,698	79.54
Missouri.....	639,521	490,797	71.18	161,505	116,126	71.90	129,403	120,256	92.95	57,565	44,375	77.09
North Dakota.....	15,362	12,369	80.71	14,625	8,992	61.48	44,178	38,334	86.78	279	231	82.80
South Dakota.....	50,006	38,041	76.07	82,213	49,411	60.26	50,253	44,575	88.70	780	608	77.95
Nebraska.....	233,550	175,224	75.03	76,002	46,078	60.61	111,595	99,548	89.20	5,648	4,566	80.84
Kansas.....	331,252	271,534	71.22	79,745	48,856	60.64	82,508	72,865	88.31	19,513	14,084	72.18
South Central division.....	2,304,049	1,713,885	71.59	183,337	133,297	72.71	179,171	164,752	91.95	1,221,057	961,111	78.71
Kentucky.....	511,443	364,277	71.24	48,269	37,170	76.80	81,613	29,035	91.85	98,247	76,464	77.83
Tennessee.....	463,430	331,505	71.53	12,927	9,509	73.56	11,860	11,009	92.82	152,460	121,148	79.46
Alabama.....	277,728	204,451	73.62	8,536	6,455	75.62	8,843	8,243	93.21	236,834	192,478	81.27
Mississippi.....	182,503	128,864	70.61	6,650	5,017	75.38	5,036	4,785	95.02	257,593	199,265	77.36
Louisiana.....	138,313	100,780	72.86	37,445	29,300	78.25	26,117	24,503	93.82	192,040	159,710	82.78
Texas.....	518,596	371,004	71.54	58,434	37,814	64.71	84,996	77,281	90.92	168,757	124,094	73.53
Oklahoma.....	20,918	15,826	75.66	1,878	1,414	75.29	1,754	1,621	92.42	1,261	988	78.35
Arkansas.....	281,118	197,178	70.14	9,192	6,618	72.00	8,952	8,275	92.44	112,965	86,964	76.98
Western division.....	658,897	523,041	79.38	258,538	179,891	69.58	425,117	397,259	93.45	121,075	111,876	92.40
Montana.....	29,416	25,345	86.16	12,900	10,484	81.23	29,452	28,230	98.85	3,822	3,528	92.81
Wyoming.....	15,860	13,599	85.71	6,057	4,939	81.54	9,872	9,173	94.84	1,080	1,025	94.91
Colorado.....	114,571	95,123	83.03	30,402	23,279	76.57	53,183	50,208	94.41	4,563	4,185	91.74
New Mexico.....	45,404	35,921	79.11	4,739	3,627	76.54	6,951	6,602	94.98	4,791	4,067	84.89
Arizona.....	11,799	9,045	81.74	4,801	3,267	67.99	10,210	9,253	90.68	2,926	2,685	91.76
Utah.....	24,464	18,374	75.11	27,437	16,013	58.36	26,451	24,259	91.71	1,395	1,179	85.03
Nevada.....	7,595	6,413	84.44	4,864	3,215	66.13	8,481	8,193	96.60	4,430	3,769	84.82
Idaho.....	19,627	15,743	80.21	7,952	5,563	69.98	10,615	10,062	94.79	2,082	1,910	91.74
Washington.....	83,029	72,030	81.83	26,356	20,073	76.16	59,652	56,359	94.48	5,928	5,119	86.35
Oregon.....	87,113	65,448	75.13	17,903	11,974	66.88	31,036	28,839	92.92	10,354	9,727	93.94
California.....	215,013	165,400	76.93	115,121	77,460	67.29	179,414	166,081	92.57	79,704	74,681	93.70

(a) Persons of negro descent, Chinese, Japanese, and civilized Indians.

OCCUPATIONS.

CXV

STATES AND TERRITORIES.	NATIVE WHITE FEMALE POPULATION OF NATIVE PARENTAGE 10 YEARS OF AGE AND OVER.			NATIVE WHITE FEMALE POPULATION OF FOREIGN PARENTAGE 10 YEARS OF AGE AND OVER.			FOREIGN WHITE FEMALE POPULATION 10 YEARS OF AGE AND OVER.			COLORED FEMALE POPULATION (a) 10 YEARS OF AGE AND OVER.		
	Total.	Number and per cent engaged in gainful occupations.		Total.	Number and per cent engaged in gainful occupations.		Total.	Number and per cent engaged in gainful occupations.		Total.	Number and per cent engaged in gainful occupations.	
		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.
The United States	12,474,684	1,359,198	10.90	3,873,026	804,694	20.78	4,005,139	775,151	19.35	2,708,071	975,530	36.02
North Atlantic division.....	3,519,590	495,278	14.07	1,530,870	423,857	27.69	1,820,544	464,609	25.52	112,807	44,615	39.55
Maine.....	209,550	29,367	14.01	23,643	5,482	23.19	36,004	10,000	27.77	678	214	31.56
New Hampshire.....	109,959	18,173	16.53	15,421	5,147	33.38	33,953	13,429	39.55	230	109	46.19
Vermont.....	91,899	12,070	13.21	22,818	4,889	21.91	19,206	2,897	15.08	351	111	31.62
Massachusetts.....	409,392	74,838	18.28	205,134	74,825	36.23	328,569	110,655	33.68	9,440	3,460	36.62
Rhode Island.....	58,076	9,657	16.63	32,099	13,523	42.13	52,441	18,148	34.61	3,388	1,386	40.91
Connecticut.....	150,871	22,359	14.82	66,013	23,714	35.92	86,983	23,310	26.80	5,288	1,997	37.76
New York.....	993,947	137,406	13.82	661,971	178,834	27.02	749,925	183,918	24.52	30,927	13,782	44.56
New Jersey.....	274,233	35,043	12.78	127,794	34,021	26.62	152,868	34,436	22.53	19,643	7,771	39.56
Pennsylvania.....	1,222,163	156,365	12.79	376,477	83,922	22.29	380,595	67,876	18.82	42,847	15,785	36.84
South Atlantic division.....	1,850,204	203,559	11.00	125,151	24,322	19.43	87,892	16,921	19.25	1,173,505	441,467	37.61
Delaware.....	41,635	4,643	11.15	6,684	1,562	23.37	5,877	1,128	19.19	10,402	3,015	28.82
Maryland.....	217,769	29,000	13.32	60,884	13,633	22.39	44,898	9,453	21.05	82,580	32,600	39.56
District of Columbia.....	44,374	8,087	18.22	12,403	2,372	23.16	8,713	2,305	27.49	34,374	18,773	54.61
Virginia.....	862,903	82,518	9.58	9,309	1,293	13.89	5,794	760	13.12	235,251	71,797	30.52
West Virginia.....	233,277	15,977	6.85	16,153	2,281	14.13	7,790	828	10.63	10,742	2,621	24.40
North Carolina.....	381,187	46,363	12.16	2,722	878	32.29	1,293	165	12.76	202,500	68,286	33.72
South Carolina.....	161,548	25,415	15.73	4,301	690	16.04	2,508	469	18.70	238,583	102,857	43.11
Georgia.....	341,661	35,810	10.48	7,637	1,073	14.05	4,330	684	15.77	300,652	122,366	40.70
Florida.....	95,870	5,748	5.99	5,058	540	10.68	6,683	1,039	15.55	58,772	19,086	32.49
North Central division.....	4,352,005	435,769	10.01	1,823,611	298,658	16.38	1,739,625	237,352	13.64	166,289	40,010	24.06
Ohio.....	875,704	91,213	10.42	302,245	57,974	19.18	205,341	27,194	13.24	82,939	7,796	23.67
Indiana.....	621,246	56,087	9.03	116,559	17,583	15.09	63,873	6,088	9.54	16,982	4,244	24.99
Illinois.....	670,472	72,294	10.78	338,197	61,112	18.07	370,756	62,182	16.77	21,087	4,722	22.39
Michigan.....	344,417	37,009	10.75	186,029	28,620	15.34	220,062	28,804	12.57	7,764	1,515	19.51
Wisconsin.....	140,861	16,335	11.60	231,207	39,837	17.23	220,193	24,589	11.17	2,101	300	14.28
Minnesota.....	101,523	13,107	12.91	141,202	22,237	15.75	194,287	29,373	15.13	1,998	408	20.44
Iowa.....	376,025	39,537	10.49	167,506	23,394	14.03	138,833	16,756	12.07	3,810	730	19.16
Missouri.....	640,043	53,477	8.36	160,553	27,845	17.34	100,453	14,784	14.72	56,595	16,719	29.54
North Dakota.....	11,157	1,329	11.91	11,789	1,774	15.05	31,889	4,684	14.69	175	28	16.00
South Dakota.....	39,308	4,285	10.90	27,292	3,182	11.66	35,907	3,038	8.46	449	53	11.80
Nebraska.....	190,895	21,930	11.49	67,574	8,312	12.30	82,508	11,419	13.84	3,867	983	25.42
Kansas.....	340,354	29,166	8.57	72,798	6,788	9.32	60,523	6,141	10.15	18,524	3,412	18.42
South Central division.....	2,283,528	174,470	7.64	178,727	26,549	14.85	128,287	18,105	14.11	1,231,331	443,645	36.03
Kentucky.....	494,653	37,576	7.60	49,670	10,854	21.85	26,685	3,690	13.83	99,442	31,258	31.43
Tennessee.....	458,060	33,099	7.22	12,428	1,709	13.76	7,526	1,085	14.15	157,340	44,709	28.42
Alabama.....	281,684	27,259	9.68	8,206	961	11.71	5,118	624	12.19	242,596	101,131	41.69
Mississippi.....	181,907	18,129	9.97	6,400	737	11.52	2,597	423	16.29	259,336	105,519	40.69
Louisiana.....	138,425	14,137	10.21	40,110	6,615	16.49	21,631	3,089	14.24	199,702	84,040	42.08
Texas.....	454,434	20,734	4.58	53,123	4,908	9.24	59,018	7,652	12.97	167,397	46,721	27.91
Oklahoma.....	15,637	771	4.93	1,848	39	2.11	878	72	8.20	1,029	125	12.15
Arkansas.....	258,128	16,765	6.49	7,435	676	9.09	4,834	590	12.21	104,489	30,142	28.85
Western division.....	469,337	50,120	10.68	214,607	31,308	14.58	228,791	38,104	16.65	23,739	4,893	20.61
Montana.....	14,430	1,733	12.01	7,337	1,018	13.90	9,723	1,718	17.07	725	167	23.03
Wyoming.....	7,293	774	10.61	3,830	421	10.99	4,213	621	14.72	289	78	26.64
Colorado.....	73,694	9,624	13.06	22,417	3,423	15.27	26,792	5,280	19.71	2,274	820	36.06
New Mexico.....	40,058	2,803	7.00	3,424	340	9.93	3,527	451	12.79	3,647	340	9.32
Arizona.....	6,279	406	6.47	3,260	221	6.78	6,133	845	13.78	668	97	14.52
Utah.....	18,394	1,667	9.06	24,630	2,591	10.52	24,061	2,746	11.41	395	72	18.29
Nevada.....	4,169	475	11.39	3,828	475	12.41	3,352	445	13.28	1,506	429	28.49
Idaho.....	12,193	917	7.52	5,567	453	8.14	4,402	408	9.27	193	58	29.02
Washington.....	53,446	5,280	9.79	17,029	1,948	11.44	23,235	3,657	15.74	1,964	280	14.26
Oregon.....	6,769	6,262	9.38	14,814	1,909	12.89	15,290	2,418	15.81	1,095	204	18.63
California.....	172,612	20,229	11.72	109,031	18,509	16.98	107,968	19,455	18.02	11,033	2,350	21.30

a Persons of negro descent, Chinese, Japanese, and civilized Indians.

The following statement shows, by sex, the percentage of each element of the population engaged in each class of occupations of the whole number at work, respectively, in 1890:

SEX AND CLASSES OF OCCUPATIONS.	Aggregate.	Native white— native parents.	Native white— foreign parents.	Foreign white.	Total colored. (a)	Persons of negro descent.
Both sexes.....	100.00	100.00	100.00	100.00	100.00	100.00
Agriculture, fisheries, and mining.....	39.05	47.02	22.43	25.58	58.07	57.18
Professional service.....	4.15	5.87	4.35	2.23	1.10	1.11
Domestic and personal service.....	19.18	12.32	17.42	26.94	32.14	31.84
Trade and transportation.....	14.63	15.81	20.74	13.96	4.90	4.74
Manufacturing and mechanical industries.....	22.39	18.98	35.06	31.29	5.79	5.63
Males.....	100.00	100.00	100.00	100.00	100.00	100.00
Agriculture, fisheries, and mining.....	44.28	51.58	28.53	29.39	61.40	63.27
Professional service.....	3.36	4.50	3.04	2.18	1.18	1.20
Domestic and personal service.....	14.31	9.35	13.47	21.13	23.36	21.75
Trade and transportation.....	16.46	16.99	23.57	15.65	6.95	6.82
Manufacturing and mechanical industries.....	21.59	17.58	31.39	31.65	7.11	6.96
Females.....	100.00	100.00	100.00	100.00	100.00	100.00
Agriculture, fisheries, and mining.....	17.36	15.00	1.67	4.34	43.93	44.02
Professional service.....	7.96	15.60	8.85	2.53	0.91	0.91
Domestic and personal service.....	42.60	33.17	30.86	59.37	52.10	52.07
Trade and transportation.....	5.84	7.50	11.09	4.49	0.25	0.24
Manufacturing and mechanical industries.....	26.24	28.73	47.53	29.27	2.81	2.70

a Persons of negro descent, Chinese, Japanese, and civilized Indians.

Of the native white males of native parentage engaged in gainful occupations in 1890, over one-half (51.58 per cent) were engaged in agriculture, fisheries, and mining, while of the total male colored element at work in 1890 over three-fifths (61.40 per cent) were similarly occupied. Among the native white males of foreign parentage and foreign white males at work, those engaged in manufacturing and mechanical industries constituted in each case a slightly larger percentage than those engaged in agriculture, fisheries, and mining, the percentages being, respectively, 31.39 and 31.65 for those in the first-named class of occupations, as compared with 28.53 and 29.39 per cent for those in the latter class of occupations.

With the exception of native white females of foreign parentage, the largest percentage of females at work in 1890 were engaged in each case in domestic and personal service, foreign white females in this class of occupations constituting 59.37 per cent of all foreign white females at work. Colored females engaged in domestic and personal service in 1890 constituted 52.10 per cent of the whole number of colored females in gainful occupations, while those engaged in agriculture, fisheries, and mining constituted 43.93 per cent. Of the native white females of foreign parentage at work in 1890, very nearly one-half, or 47.53 per cent, were engaged in manufacturing and mechanical industries, and not quite one-third, or 30.86 per cent, in domestic and personal service.

The following table shows the distribution by general nativity and color of the whole number of persons of each sex engaged in all occupations and in each class of occupations in 1890, respectively:

SEX, GENERAL NATIVITY, AND COLOR.	ALL OCCUPATIONS.		AGRICULTURE, FISHERIES, AND MINING.		PROFESSIONAL SERVICE.		DOMESTIC AND PERSONAL SERVICE.		TRADE AND TRANS- PORTATION.		MANUFACTURING AND MECHANICAL INDUSTRIES.	
	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.
Both sexes	22,735,661	100.00	9,013,836	100.00	944,333	100.00	4,860,577	100.00	3,826,122	100.00	5,091,203	100.00
Native white—native parents	10,895,023	47.92	5,122,613	56.83	640,785	67.86	1,842,028	38.78	1,722,402	51.79	2,067,135	40.60
Native white—foreign parents	3,512,408	15.58	794,411	8.81	154,288	16.34	617,089	14.15	734,604	22.09	1,242,010	24.40
Foreign white	5,104,757	22.45	1,395,001	14.40	114,113	12.08	1,375,007	31.53	712,558	21.42	1,597,138	31.37
Total colored (a)	3,193,473	14.05	1,790,411	19.87	85,147	8.72	1,020,393	23.54	156,498	4.70	185,024	3.63
Persons of negro descent	3,073,164	13.52	1,757,403	19.50	83,994	8.80	963,080	22.08	145,717	4.36	172,970	3.40
Males	18,821,080	100.00	8,333,813	100.00	632,646	100.00	2,692,879	100.00	3,097,701	100.00	4,064,051	100.00
Native white—native parents	9,535,827	50.67	4,918,722	59.02	428,803	67.78	891,132	33.09	1,020,503	52.31	1,676,067	41.25
Native white—foreign parents	2,737,714	14.55	781,003	9.37	83,097	13.13	368,736	13.69	645,380	20.83	859,498	21.15
Foreign white	4,329,606	23.00	1,272,280	15.27	94,400	14.94	914,865	33.98	677,726	21.88	1,370,245	33.72
Total colored (a)	2,217,043	11.78	1,861,808	22.34	26,256	4.15	518,140	19.24	154,092	4.98	157,641	3.88
Persons of negro descent	2,101,379	11.17	1,829,594	22.05	25,170	3.98	457,091	16.97	148,371	4.80	146,153	3.60
Females	3,914,571	100.00	679,523	100.00	311,687	100.00	1,667,698	100.00	228,421	100.00	1,027,342	100.00
Native white—native parents	1,859,196	47.72	203,891	30.01	211,982	68.01	450,896	27.04	101,059	44.04	890,468	88.01
Native white—foreign parents	804,694	20.56	13,408	1.97	71,191	22.84	248,353	14.89	89,224	39.00	282,518	27.54
Foreign white	775,151	19.80	33,621	4.95	19,623	6.30	400,202	27.59	94,832	41.55	226,873	22.08
Total colored (a)	975,530	24.92	428,603	63.07	8,891	2.85	508,247	30.48	2,406	1.05	27,383	2.67
Persons of negro descent	971,785	24.82	427,800	62.96	8,824	2.83	505,089	30.34	2,346	1.03	26,817	2.61

a Persons of negro descent, Chinese, Japanese, and civilized Indians.

Of the whole number of males engaged in gainful occupations in 1890, practically one-half, or 50.67 per cent, were native whites of native parentage, 23.00 per cent were foreign white, 14.55 per cent were native whites of foreign parentage, and 11.78 per cent were colored. The distribution by general nativity and color of the entire male population 10 years of age and over in 1890 was as follows: native white males of native parentage, 52.98 per cent; native white males of foreign parentage, 16.00 per cent; foreign white males, 19.63 per cent, and colored males, 11.39 per cent. These percentages show no great differences in the distribution of males at work as compared with the whole number of males of working age, but when females are considered, very marked differences appear. Native white females of native parentage at work in 1890 constituted 34.72 per cent of the whole number of females in gainful occupations, native white females of foreign parentage 20.56 per cent, foreign white females 19.80 per cent, and colored females 24.92 per cent, while of the female population 10 years of age and over each element constituted, respectively, 54.09, 16.80, 17.37, and 11.74 per cent.

Considering the proportion in each class of occupations, it is seen for males that the native whites of native parentage constituted very nearly three-fifths of all males in agriculture, fisheries, and mining, more than two-thirds of those in professional service, practically one-third of those in domestic and personal service, somewhat more than one-half of those in trade and transportation, and a little more than two-fifths of those in manufacturing and mechanical industries. Of the total females in agriculture, fisheries, and mining, 63.07 per cent were colored and 30.01 per cent were native whites of native parentage, but of those in professional service more than two-thirds, or 68.01 per cent, were native whites of native parentage and 22.84 per cent were native whites of foreign parentage. The largest percentage of females in domestic and personal service was that for the colored, being 30.48, which was closely followed by 27.59 per cent for foreign white females and 27.04 per cent for native whites of native parentage. In both trade and transportation and manufacturing and mechanical industries the native white females largely predominated, the percentage of those of native parentage in each case exceeding that for those of foreign parentage.

In the following statement the total number of persons of each sex engaged in principal occupations in 1890 is distributed by number and percentage according to general nativity and color:

MALES.

PRINCIPAL OCCUPATIONS.	Total.	NATIVE WHITE— NATIVE PARENTS.		NATIVE WHITE— FOREIGN PARENTS.		FOREIGN WHITE.		TOTAL COLORED. (a)		PERSONS OF NEGRO DESCENT.	
		Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.
Agricultural laborers.....	2,556,957	1,812,302	51.32	258,771	10.12	243,947	9.54	741,937	29.02	729,197	28.52
Farmers, planters, and overseers.....	5,055,180	3,840,291	68.08	424,786	8.40	743,161	14.70	546,892	10.82	541,800	10.71
Gardeners, florists, nurserymen, and vine growers.....	70,186	22,127	31.52	9,473	13.50	31,232	44.50	7,354	10.48	5,182	7.38
Lumbermen, raftsmen, and wood choppers.....	99,593	46,949	47.18	10,341	10.39	28,677	28.82	13,536	13.61	11,399	11.46
Stock raisers, herders, and drovers.....	70,047	42,278	60.36	9,416	13.44	16,110	23.00	2,243	3.20	1,300	1.86
Fishermen and oystermen.....	59,899	31,911	53.27	4,307	7.19	12,619	21.07	11,062	18.47	9,950	16.61
Miners and quarrymen.....	386,872	111,060	28.71	60,994	15.76	188,436	48.71	20,882	6.82	18,986	4.91
Clergymen.....	87,060	49,232	56.55	7,408	8.51	13,238	20.95	12,182	13.99	12,110	13.91
Lawyers.....	89,422	71,972	80.49	11,002	12.30	6,008	6.72	440	0.49	431	0.48
Officials (government), etc. (b).....	77,715	51,500	66.27	13,075	16.82	11,985	15.42	1,155	1.49	1,090	1.40
Physicians and surgeons.....	100,248	79,374	79.18	9,282	9.26	10,402	10.37	1,180	1.19	794	0.79
Professors and teachers.....	101,278	73,677	72.75	11,484	11.34	8,834	8.72	7,283	7.19	7,236	7.14
Barbers and hairdressers.....	82,157	24,826	30.22	17,813	21.68	21,821	26.56	17,697	21.54	10,966	20.65
Bartenders.....	55,680	10,119	28.96	17,761	31.91	19,888	35.73	1,892	3.40	1,874	3.37
Engineers and firemen (not locomotive).....	139,718	68,836	49.27	26,075	18.66	88,440	27.51	6,367	4.56	6,326	4.53
Hotel and boarding and lodging house keepers.....	50,556	27,622	54.63	6,667	13.19	15,024	29.72	1,243	2.46	881	1.61
Laborers (not specified).....	1,858,568	627,952	33.79	232,944	12.53	664,614	35.76	333,048	17.92	810,733	16.72
Restaurant and saloon keepers.....	22,307	25,305	25.94	18,103	21.06	42,695	49.66	2,874	3.34	2,468	2.87
Servants.....	238,152	42,608	17.89	21,601	9.07	55,611	23.35	118,332	49.60	101,742	42.72
Watchmen, policemen, and detectives.....	74,850	31,504	42.37	14,633	19.68	26,181	35.22	2,032	2.73	2,015	2.71
Agents (claim, commission, real estate, insurance, etc.) and collectors.....	189,707	112,675	60.39	26,127	15.40	29,723	17.51	1,182	0.70	1,108	0.65
Bankers, brokers, and officials of banks, etc. (c).....	69,191	47,006	67.94	9,809	14.18	11,909	17.34	877	0.54	307	0.44
Boatmen, canalmen, pilots, and sailors.....	76,823	37,153	48.36	11,049	14.38	21,916	28.53	6,705	8.73	6,543	8.52
Bookkeepers and accountants.....	181,602	76,942	58.47	33,060	25.12	21,188	16.10	412	0.81	239	0.18
Clerks, copyists, stenographers, and typewriters.....	505,287	280,157	55.45	146,302	28.95	72,893	14.43	5,935	1.17	4,712	0.93
Commercial travelers.....	58,080	39,158	67.42	10,421	17.94	8,398	14.46	103	0.18	95	0.16
Draymen, hackmen, teamsters, etc.....	368,265	155,307	42.17	81,278	22.07	87,541	23.77	44,139	11.90	43,914	11.92
Hostlers and livery stable keepers.....	80,724	39,132	48.48	12,054	14.93	18,023	23.07	10,915	13.62	10,876	13.47
Hucksters and peddlers.....	56,824	15,259	26.81	7,637	13.44	30,190	53.13	2,738	4.82	2,041	3.59
Merchants and dealers.....	665,774	307,886	55.26	110,989	16.67	176,200	26.46	10,699	1.61	6,556	0.98
Messengers, packers, porters, etc.....	90,874	24,699	27.18	32,377	35.63	17,281	19.02	16,517	18.17	16,225	17.85
Salesmen.....	205,943	117,697	57.15	53,003	25.74	34,039	16.53	1,204	0.58	1,023	0.53
Steam railroad employes (d).....	460,771	221,408	48.05	76,501	16.62	112,132	24.33	50,670	11.00	47,316	10.27
Telegraph and telephone operators.....	43,740	30,463	69.65	10,100	23.10	3,072	7.02	99	0.23	93	0.21
Apprentices.....	74,455	26,902	36.13	35,585	47.80	10,284	13.81	1,684	2.26	1,635	2.20
Bakers.....	57,910	11,109	19.18	11,180	19.31	34,466	59.52	1,155	1.99	1,064	1.84
Blacksmiths and wheelwrights.....	218,134	102,452	46.97	37,142	17.03	67,319	30.86	11,221	5.14	11,156	5.11
Boot and shoe makers and repairers.....	179,867	70,325	39.10	31,191	17.34	72,075	40.07	6,276	3.49	4,982	2.77
Brick and tile makers and terra cotta workers.....	60,070	17,361	28.90	8,900	14.83	22,475	37.42	11,825	18.85	10,495	17.47
Builders and contractors.....	45,978	23,501	51.11	7,755	16.89	14,054	30.57	658	1.43	596	1.30
Butchers.....	105,839	36,700	34.84	27,139	25.76	38,748	36.79	2,752	2.61	2,508	2.38
Cabinet makers and upholsterers.....	59,809	17,945	30.00	13,189	22.05	27,614	46.17	1,061	1.78	1,040	1.74
Carpenters and joiners.....	611,293	351,330	57.47	78,660	12.87	158,792	25.98	22,511	3.68	22,310	3.65
Coopers.....	47,438	19,067	40.19	9,936	20.95	15,766	33.23	2,669	5.63	2,048	5.58
Cotton, woolen, and other textile mill operatives.....	213,901	58,067	27.14	52,660	24.62	98,496	46.05	4,678	2.19	4,343	2.03
Harness, saddle, trunk, valise, leather case, and pocket-book makers.....	48,105	22,542	46.88	11,772	24.47	13,412	27.88	379	0.79	362	0.75
Iron, steel, and other metal workers (e).....	359,777	119,708	33.27	102,064	28.37	129,670	36.05	8,335	2.31	8,190	2.27
Leather curriers, dressers, finishers, and tanners.....	39,040	10,464	26.80	8,849	22.67	18,502	47.62	1,135	2.91	1,090	2.81
Machinists.....	176,951	75,759	42.81	44,150	24.95	56,160	31.74	882	0.50	838	0.47
Manufacturers and officials of manufacturing companies.....	101,280	57,627	56.90	16,907	16.69	26,217	25.89	520	0.52	458	0.45
Marble and stone cutters.....	61,012	18,890	30.96	12,573	20.61	28,238	46.28	1,311	2.15	1,270	2.10
Masons (brick and stone).....	158,878	63,945	40.25	24,790	15.61	60,444	38.04	9,699	6.10	9,645	6.07
Millers (flour and grist).....	52,747	35,896	68.05	5,824	11.04	9,476	17.97	1,551	2.94	1,484	2.81
Painters, glaziers, and varnishers.....	218,646	109,984	50.30	48,911	22.37	55,310	25.30	4,441	2.03	4,387	2.01
Plasterers.....	38,987	18,573	47.64	6,127	15.72	10,279	26.36	4,008	10.28	4,003	10.27
Plumbers and gas and steam fitters.....	56,583	17,817	31.50	25,573	45.21	12,556	22.20	617	1.09	615	1.09
Printers and compositors.....	104,899	52,882	50.41	33,486	31.92	17,684	16.80	847	0.81	820	0.78
Saw and planing mill employes, etc. (f).....	138,386	60,964	44.05	18,327	13.24	41,359	29.89	17,736	12.82	17,247	12.46
Tailors.....	121,591	14,198	11.68	17,624	14.49	86,471	71.12	3,298	2.71	3,193	2.65
Tobacco and cigar factory operatives.....	83,634	22,408	26.86	20,278	24.25	27,972	33.45	12,916	15.44	10,480	12.53
Wood workers (not otherwise specified).....	63,600	24,340	38.27	16,259	25.56	21,577	33.93	1,424	2.24	1,303	2.05

a Persons of negro descent, Chinese, Japanese, and civilized Indians.

b Includes officers of United States army and navy.

c Brokers (commercial) not included.

d Includes locomotive engineers and firemen.

e Includes agricultural implement makers, brass workers, copper workers, iron and steel workers, lead and zinc workers, metal workers (not otherwise specified), molders, nail and tack makers, sewing machine makers, steam boiler makers, stove, furnace, and grate makers, tanners and tinware makers, and tool and cutlery makers.

f Includes door, sash, and blind makers.

OCCUPATIONS.

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FEMALES.

PRINCIPAL OCCUPATIONS.	Total.	NATIVE WHITE— NATIVE PARENTS.		NATIVE WHITE— FOREIGN PARENTS.		FOREIGN WHITE.		TOTAL COLORED. (a)		PERSONS OF NEGRO DESCENT.	
		Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.
Agricultural laborers.....	447,104	62,809	14.05	3,467	0.78	2,917	0.65	377,911	84.52	377,531	84.44
Farmers, planters, and overseers.....	226,427	138,742	61.27	8,954	3.96	29,106	12.85	49,625	21.92	49,366	21.80
Professors and teachers.....	246,066	166,347	67.60	53,041	23.59	13,804	5.61	7,874	3.20	7,844	3.20
Musicians and teachers of music.....	34,519	23,727	68.74	7,605	22.03	2,576	7.46	611	1.77	594	1.72
Boarding and lodging house keepers.....	32,533	17,030	52.25	4,018	12.32	9,736	29.87	1,809	5.50	1,786	5.48
Housekeepers and stewardesses.....	86,089	46,823	54.39	11,280	13.10	19,775	22.97	8,211	9.54	8,104	9.41
Laborers (not specified).....	54,815	8,233	15.02	3,305	6.03	4,746	8.66	38,531	70.29	38,269	69.81
Laundresses.....	216,631	19,677	9.08	12,857	5.94	31,983	14.76	152,114	70.22	151,540	69.95
Nurses and midwives.....	41,396	17,480	42.23	5,847	14.12	13,164	31.80	4,905	11.85	4,890	11.81
Servants.....	1,216,639	834,427	27.49	207,248	17.03	374,253	30.76	300,711	24.72	299,473	24.61
Bookkeepers, clerks, stenographers, and typewriters.....	113,261	59,651	52.67	43,112	38.06	10,050	8.87	448	0.40	440	0.39
Saleswomen.....	58,451	22,075	37.77	29,287	50.10	6,944	11.88	145	0.25	143	0.24
Boot and shoe makers and repairers.....	33,677	14,098	41.86	14,955	44.41	4,537	13.47	87	0.26	84	0.25
Cotton, woolen, and other textile mill operatives.....	223,658	61,408	27.46	80,511	36.00	80,923	36.18	816	0.36	809	0.36
Dressmakers.....	238,328	129,206	44.81	101,827	35.32	49,728	17.25	7,587	2.62	7,472	2.59
Milliners.....	60,087	34,595	57.57	17,905	29.80	7,199	11.98	388	0.65	383	0.64
Seamstresses, etc. (b).....	168,040	77,417	46.07	52,595	31.30	26,030	15.49	11,998	7.14	11,898	7.08
Tailoresses.....	63,809	15,661	24.55	27,344	42.85	20,357	31.90	447	0.70	367	0.58
Tobacco and cigar factory operatives.....	27,991	7,582	27.09	8,752	31.27	7,124	25.45	4,533	16.19	4,524	16.16

a Persons of negro descent, Chinese, Japanese, and civilized Indians.

b Includes sewing machine operators and shirt, collar, and cuff makers.

In the preceding table many of the occupations are given in detail, but in other cases certain consolidations have been made so as to cover, as near as may be, substantially all the persons of each sex at work in 1890. Where the occupations have been so grouped, the designations given are usually self-explanatory; if not, the nature of the consolidation is indicated by a footnote.

Briefly considering the results shown by the table, it will be seen that the native white males of native parentage constituted in 1890 fully four-fifths of all the male lawyers, very nearly four-fifths of all the male physicians and surgeons, more than seven-tenths of all the male professors and teachers, and two-thirds, or very nearly two-thirds, of all the male officials of government, etc.; agents and collectors; bankers, brokers, and officials of banks, etc.; commercial travelers; telegraph and telephone operators, and millers (flour and grist). The largest proportion of foreign white males was found among the tailors, constituting 71.12 per cent of the whole number of male tailors, the second largest among the bakers, or 59.52 per cent, and the third largest among the hucksters and peddlers, or 53.13 per cent. The largest proportion of colored males in any one occupation was that for agricultural laborers, being 29.02 per cent, and for native white males of foreign parentage that for apprentices, or 47.80 per cent.

Among the females, native white females of native parentage constituted in 1890 more than two-thirds of all the female musicians and teachers of music and female professors and teachers, more than three-fifths of all the female farmers, planters, and overseers, and very nearly three-fifths of all the female milliners. Colored females in 1890 constituted 84.52 per cent of all the female agricultural laborers, 70.29 per cent of all the female laborers (not specified), and 70.22 per cent of all the laundresses. The largest proportion of foreign white females was found among the cotton, woolen, and other textile mill operatives, constituting 36.18 per cent of the whole number of females so occupied, while for native white females of foreign parentage the largest proportion was found among saleswomen, this class constituting 50.10 per cent of all the saleswomen.

Taking for each sex the whole number of each element of the population at work in 1890 and distributing it according to the number and percentage engaged in each of certain specified occupations, the following results are obtained:

MALES.

GENERAL NATIVITY, COLOR, AND OCCUPATIONS.	Number.	Per cent.	GENERAL NATIVITY, COLOR, AND OCCUPATIONS.	Number.	Per cent.
Native white—native parents.....	9,595,827	100.00	Native white—foreign parents—Continued.		
Farmers, planters, and overseers.....	3,340,291	35.03	Officials (government), etc. (d).....	13,075	0.48
Agricultural laborers.....	1,312,302	13.76	Marble and stone cutters.....	12,573	0.46
Laborers (not specified).....	627,952	6.59	Hostlers and livery stable keepers.....	12,054	0.44
Merchants and dealers.....	367,886	3.86	All other occupations.....	410,088	15.21
Carpenters and joiners.....	351,330	3.68	Foreign white.....	4,329,006	100.00
Clerks, copyists, stenographers, and typewriters.....	280,157	2.94	Farmers, planters, and overseers.....	743,161	17.16
Steam railroad employes (a).....	221,408	2.32	Laborers (not specified).....	604,614	15.25
Draymen, hackmen, teamsters, etc.....	155,307	1.63	Agricultural laborers.....	243,947	5.63
Iron, steel, and other metal workers (b).....	119,708	1.26	Miners and quarrymen.....	188,436	4.35
Salesmen.....	117,697	1.23	Merchants and dealers.....	176,200	4.01
Agents (claim, commission, real estate, insurance, etc.) and collectors.....	112,675	1.18	Carpenters and joiners.....	158,792	3.67
Miners and quarrymen.....	111,060	1.16	Iron, steel, and other metal workers (b).....	129,670	2.99
Painters, glaziers, and varnishers.....	109,984	1.15	Steam railroad employes (a).....	112,132	2.59
Blacksmiths and wheelwrights.....	102,452	1.07	Cotton, woolen, and other textile mill operatives.....	98,486	2.27
Physicians and surgeons.....	79,374	0.83	Bookkeepers, clerks, copyists, stenographers, and typewriters.....	94,081	2.17
Bookkeepers and accountants.....	70,942	0.81	Draymen, hackmen, teamsters, etc.....	87,541	2.02
Machinists.....	75,759	0.79	Tailors.....	80,471	2.00
Professors and teachers.....	73,677	0.77	Boot and shoe makers and repairers.....	72,075	1.66
Lawyers.....	71,972	0.75	Blacksmiths and wheelwrights.....	67,319	1.55
Boot and shoe makers and repairers.....	70,325	0.74	Restaurant and saloon keepers and bartenders.....	62,583	1.45
Engineers and firemen (not locomotive).....	68,836	0.72	Masons (brick and stone).....	60,444	1.40
Masons (brick and stone).....	63,945	0.67	Machinists.....	56,160	1.30
Saw and planing mill employes, etc. (c).....	60,994	0.64	Servants.....	55,611	1.28
Cotton, woolen, and other textile mill operatives.....	58,067	0.61	Painters, glaziers, and varnishers.....	55,310	1.28
Manufacturers and officials of manufacturing companies.....	57,627	0.60	Saw and planing mill employes, etc. (c).....	41,259	0.96
Printers and compositors.....	52,882	0.55	Butchers.....	38,748	0.89
Officials (government), etc. (d).....	51,500	0.54	Engineers and firemen (not locomotive).....	38,440	0.89
Clergymen.....	49,232	0.52	Bakers.....	34,466	0.80
Lumbermen and wood choppers.....	46,949	0.49	Salesmen.....	34,039	0.79
All other occupations.....	1,247,587	13.11	Gardeners, florists, nurserymen, and vine growers.....	31,232	0.72
Native white—foreign parents.....	2,737,714	100.00	Hucksters and peddlers.....	30,190	0.70
Farmers, planters, and overseers.....	424,786	15.52	Agents (claim, commission, real estate, insurance, etc.) and collectors.....	29,723	0.69
Agricultural laborers.....	258,771	9.45	Lumbermen and wood choppers.....	28,677	0.66
Laborers (not specified).....	232,944	8.51	Marble and stone cutters.....	28,288	0.65
Clerks, copyists, stenographers, and typewriters.....	146,302	5.34	Tobacco and cigar factory operatives.....	27,672	0.65
Merchants and dealers.....	110,989	4.05	Cabinetmakers and upholsterers.....	27,614	0.64
Iron, steel, and other metal workers (b).....	102,064	3.73	Manufacturers and officials of manufacturing companies.....	26,217	0.61
Draymen, hackmen, teamsters, etc.....	81,278	2.97	Watchmen, policemen, and detectives.....	26,181	0.60
Carpenters and joiners.....	78,680	2.87	Brick and tile makers and terra cotta workers.....	22,475	0.62
Steam railroad employes (a).....	78,581	2.86	Barbers and hairdressers.....	21,821	0.60
Miners and quarrymen.....	60,994	2.23	Wood workers (not otherwise specified).....	21,577	0.59
Salesmen.....	53,003	1.94	All other occupations.....	607,594	14.10
Cotton, woolen, and other textile mill operatives.....	52,050	1.92	Colored (e).....	2,217,943	100.00
Painters, glaziers, and varnishers.....	48,911	1.79	Agricultural laborers.....	741,937	33.45
Machinists.....	44,150	1.61	Farmers, planters, and overseers.....	549,892	24.69
Blacksmiths and wheelwrights.....	37,142	1.66	Laborers (not specified).....	333,048	15.02
Restaurant and saloon keepers and bartenders.....	35,864	1.61	Servants.....	118,332	5.34
Apprentices.....	35,585	1.60	Steam railroad employes (a).....	50,670	2.28
Printers and compositors.....	33,486	1.22	Draymen, hackmen, teamsters, etc.....	44,139	1.69
Bookkeepers and accountants.....	33,060	1.21	Miners and quarrymen.....	26,882	1.19
Messengers, packers, porters, etc.....	32,377	1.18	Carpenters and joiners.....	22,511	1.01
Boot and shoe makers and repairers.....	31,191	1.14	Launderers.....	21,785	0.98
Butchers.....	27,189	0.99	Saw and planing mill employes, etc. (c).....	17,736	0.80
Agents (claim, commission, real estate, insurance, etc.) and collectors.....	26,127	0.95	Barbers and hairdressers.....	17,697	0.80
Engineers and firemen (not locomotive).....	26,075	0.95	Messengers, packers, porters, etc.....	16,517	0.74
Plumbers and gas and steam fitters.....	25,573	0.93	Lumbermen and wood choppers.....	13,536	0.61
Masons (brick and stone).....	24,790	0.91	Tobacco and cigar factory operatives.....	12,916	0.58
Servants.....	21,601	0.79	Clergymen.....	12,182	0.55
Tobacco and cigar factory operatives.....	20,278	0.74	Brick and tile makers and terra cotta workers.....	11,325	0.51
Saw and planing mill employes, etc. (c).....	18,327	0.67	Blacksmiths and wheelwrights.....	11,221	0.51
Barbers and hairdressers.....	17,813	0.65	Fishermen and oystermen.....	11,062	0.50
Tailors.....	17,624	0.64	Hostlers and livery stable keepers.....	10,915	0.49
Manufacturers and officials of manufacturing companies.....	16,907	0.62	Merchants and dealers.....	10,639	0.48
Wood workers (not otherwise specified).....	16,259	0.59	All other occupations.....	166,441	7.51
Watchmen, policemen, and detectives.....	14,633	0.53			

a Includes locomotive engineers and firemen.

b Includes agricultural implement makers, brass workers, copper workers, iron and steel workers, lead and zinc workers, metal workers (not otherwise specified), molders, nail and tack makers, sewing machine makers, steam boiler makers, stove, furnace, and grate makers, tinners and tinware makers, and tool and cutlery makers.

c Includes door, sash, and blind makers.

d Includes officers of United States army and navy.

e Persons of negro descent, Chinese, Japanese, and civilized Indians.

OCCUPATIONS.

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FEMALES.

GENERAL NATIVITY, COLOR, AND OCCUPATIONS.	Number.	Per cent.	GENERAL NATIVITY, COLOR, AND OCCUPATIONS.	Number.	Per cent.
Native white—native parents	1,359,106	100.00	Native white—foreign parents—Continued.		
Servants.....	334,427	24.60	Nurses and midwives.....	5,847	0.73
Professors and teachers.....	106,347	12.24	Merchants and dealers.....	5,298	0.66
Farmers, planters, and overseers.....	138,742	10.21	Printers and compositors.....	4,091	0.58
Dressmakers.....	129,206	9.51	Apprentices.....	4,453	0.55
Seamstresses, etc. (a).....	77,417	5.70	Boarding and lodging house keepers.....	4,018	0.50
Agricultural laborers.....	62,809	4.62	All other occupations.....	83,908	10.38
Cotton, woolen, and other textile mill operatives.....	61,408	4.52			
Bookkeepers, clerks, stenographers, and typewriters.....	59,651	4.39	Foreign white	775,151	100.00
Housekeepers and stewardesses.....	46,823	3.44	Servants.....	374,253	48.28
Milliners.....	34,595	2.55	Cotton, woolen, and other textile mill operatives.....	80,923	10.44
Musicians and teachers of music.....	23,727	1.75	Dressmakers.....	49,728	6.42
Saleswomen.....	22,076	1.62	Laundresses.....	81,083	4.12
Laundresses.....	19,677	1.45	Farmers, planters, and overseers.....	29,100	3.75
Nurses and midwives.....	17,480	1.29	Seamstresses, etc. (a).....	26,030	3.36
Boarding and lodging house keepers.....	17,030	1.25	Tailoresses.....	20,357	2.63
Tailoresses.....	15,061	1.15	Housekeepers and stewardesses.....	19,775	2.55
Boot and shoe makers and repairers.....	14,008	1.04	Professors and teachers.....	13,804	1.78
Laborers (not specified).....	8,293	0.61	Nurses and midwives.....	19,164	1.70
Artists and teachers of art.....	7,935	0.58	Merchants and dealers.....	12,085	1.56
Tobacco and cigar factory operatives.....	7,582	0.56	Bookkeepers, clerks, stenographers, and typewriters.....	10,050	1.30
Merchants and dealers.....	7,514	0.55	Boarding and lodging house keepers.....	9,786	1.26
Printers and compositors.....	6,250	0.46	Milliners.....	7,190	0.92
All other occupations.....	80,500	5.91	Tobacco and cigar factory operatives.....	7,124	0.92
Native white—foreign parents	804,694	100.00	Saleswomen.....	6,944	0.90
Servants.....	207,248	25.75	Laborers (not specified).....	4,746	0.61
Dressmakers.....	101,827	12.65	Boot and shoe makers and repairers.....	4,537	0.59
Cotton, woolen, and other textile mill operatives.....	80,511	10.01	All other occupations.....	53,607	6.69
Professors and teachers.....	58,041	7.21			
Seamstresses, etc. (a).....	52,595	6.54	Colored (b)	975,530	100.00
Bookkeepers, clerks, stenographers, and typewriters.....	43,112	5.38	Agricultural laborers.....	377,911	38.74
Saleswomen.....	29,287	3.64	Servants.....	300,711	30.83
Tailoresses.....	27,344	3.40	Laundresses.....	152,114	15.59
Milliners.....	17,905	2.23	Farmers, planters, and overseers.....	40,625	5.09
Boot and shoe makers and repairers.....	14,955	1.86	Laborers (not specified).....	38,531	3.95
Laundresses.....	12,857	1.60	Seamstresses, etc. (a).....	11,998	1.23
Housekeepers and stewardesses.....	11,280	1.40	Housekeepers and stewardesses.....	8,211	0.84
Farmers, planters, and overseers.....	8,954	1.11	Professors and teachers.....	7,874	0.81
Tobacco and cigar factory operatives.....	8,752	1.09	Dressmakers.....	7,567	0.78
Musicians and teachers of music.....	7,605	0.95	Nurses and midwives.....	4,905	0.50
Box makers (paper).....	7,383	0.92	Tobacco and cigar factory operatives.....	4,532	0.46
Bookbinders.....	7,118	0.88	All other occupations.....	11,550	1.18

a Includes sewing machine operators and shirt, collar, and cuff makers.

b Persons of negro descent, Chinese, Japanese, and civilized Indians.

The occupations used in the preceding table are arranged under each element of the population in the order of their numerical importance, and consolidations have been made wherever necessary, as in the preceding table. The results shown herein are so plainly apparent that the figures need not be analyzed in detail.

OCCUPATIONS BY AGE PERIODS.

The following statement shows the whole number of males and females of each specified age in 1890, and the number and percentage in each case engaged in gainful occupations:

AGE PERIODS.	MALES 10 YEARS OF AGE AND OVER.			FEMALES 10 YEARS OF AGE AND OVER.		
	Total.	Number and per cent engaged in gainful occupations.		Total.	Number and per cent engaged in gainful occupations.	
		Number.	Per cent.		Number.	Per cent.
Aggregate.....	24,352,659	18,321,000	77.29	23,060,900	3,914,571	16.97
10 to 14 years.....	3,574,787	400,580	11.21	3,458,722	202,427	5.85
15 to 19 years.....	3,248,711	1,004,865	58.63	3,308,852	908,240	27.30
20 to 24 years.....	3,104,893	2,850,993	92.02	3,091,783	947,220	30.64
25 to 34 years.....	5,123,075	4,089,814	97.38	4,082,432	807,070	17.25
35 to 44 years.....	3,705,648	3,026,356	97.86	3,340,031	441,007	13.18
45 to 54 years.....	2,027,024	2,538,459	96.03	2,430,878	813,363	33.46
55 to 64 years.....	1,630,373	1,514,615	92.90	1,499,997	180,387	12.03
65 years and over.....	1,233,719	910,895	73.83	1,183,569	98,158	8.29
Age unknown.....	103,520	78,507	75.83	58,036	18,030	30.70

Of the whole number of males 10 to 14 years of age, 400,586, or 11.21 per cent, were engaged in gainful occupations, and of the whole number of females of the same ages, 202,427, or 5.85 per cent, were occupied. As compared with 1880, this shows a very great diminution in the proportion of children at work, although the exact decrease can not be determined on account of the slight difference in the age classification of persons occupied in 1880 as compared with 1890. At the census of 1880 there were 825,187 males and 293,169 females 10 to 15 years of age at work, constituting, respectively, 24.44 and 8.96 per cent of the whole number of males and females of the ages stated. All other persons at work in 1880 were classified with respect to age according to the number of each sex from 16 to 59 years and 60 years and over, so that no comparisons can be made according to the number and percentage at work of each of the specified ages as given in 1890. The whole number of males from 16 to 59 years of age at work in 1880 was 12,986,111, or 93.38 per cent of the whole number of males of those ages, while the females from 16 to 59 years of age at work in 1880 numbered 2,283,115 and constituted 17.07 per cent of all females of those ages. At the census of 1890 the males from 15 to 59 years of age (including "Age unknown") who were at work numbered 16,817,840 and constituted 89.53 per cent of the entire number of males of the ages specified, while of the females of the same ages those at work numbered 3,529,611 and constituted 19.92 per cent. Of the whole number of males 60 years of age and over in 1880, those at work numbered 933,644 and constituted 64.28 per cent, as compared with 1,602,664, or 80.44 per cent, in 1890. Among the females 60 years of age and over in 1880, those at work numbered 70,873 and constituted 5.15 per cent, as compared with 182,534, or 9.69 per cent, in 1890. The number of persons 60 years of age and over at work in 1890 does not appear in the preceding table. The number and percentage of persons at work for each specified period of years in 1890 are given in detail in the preceding table and do not require extended analysis.

The following table shows, for each element of the population in 1890, the number and percentage at work, classified by sex and age periods:

SEX AND AGE PERIODS.	NATIVE WHITE POPULATION OF NATIVE PARENTAGE 10 YEARS OF AGE AND OVER.			NATIVE WHITE POPULATION OF FOREIGN PARENTAGE 10 YEARS OF AGE AND OVER.			FOREIGN WHITE POPULATION 10 YEARS OF AGE AND OVER.			COLORED POPULATION (a) 10 YEARS OF AGE AND OVER.		
	Total.	Number and per cent engaged in gainful occupations.		Total.	Number and per cent engaged in gainful occupations.		Total.	Number and per cent engaged in gainful occupations.		Total.	Number and per cent engaged in gainful occupations.	
		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.
Males.....	12,901,102	9,535,827	73.91	3,895,305	2,737,714	70.28	4,781,748	4,329,606	90.54	2,774,414	2,217,943	79.94
10 to 14 years.....	2,020,917	149,709	7.41	821,982	61,984	7.54	201,159	31,466	15.64	530,729	157,867	29.65
15 to 19 years.....	1,770,908	874,957	49.41	790,348	504,193	63.79	257,658	210,505	81.70	429,797	315,843	73.49
20 to 24 years.....	1,604,239	1,442,510	89.92	660,401	611,299	92.56	476,224	459,861	96.56	364,029	342,690	94.14
25 to 34 years.....	2,524,253	2,440,980	97.06	932,229	906,054	97.19	1,151,644	1,132,646	98.35	515,849	501,134	97.15
35 to 44 years.....	1,944,905	1,899,035	97.64	413,884	404,412	97.71	968,577	952,352	98.32	378,282	370,557	97.96
45 to 54 years.....	1,374,640	1,322,564	96.21	163,102	155,688	95.45	816,453	792,222	97.03	272,820	267,985	98.23
55 to 64 years.....	883,433	822,955	93.15	63,684	58,333	91.60	532,586	486,607	91.38	150,610	146,060	97.38
65 years and over.....	718,548	533,092	74.19	44,939	32,214	71.68	360,817	248,928	68.99	109,415	96,661	88.34
Age unknown.....	59,190	40,965	69.21	4,826	3,537	73.29	16,630	14,959	89.95	22,883	10,046	43.82
Females.....	12,474,664	1,350,196	10.90	3,873,026	804,694	20.78	4,005,139	775,151	19.35	2,703,071	975,530	36.02
10 to 14 years.....	1,943,980	49,048	2.52	808,705	29,943	3.70	195,220	19,145	9.81	510,808	104,291	20.42
15 to 19 years.....	1,781,616	281,540	15.80	811,180	273,171	33.68	263,637	154,954	58.78	452,419	196,578	43.45
20 to 24 years.....	1,580,928	315,250	19.94	685,525	250,731	36.58	441,150	200,488	45.45	384,180	180,742	47.05
25 to 34 years.....	2,397,797	274,481	11.45	923,681	176,957	19.18	862,915	170,791	19.79	499,039	185,441	37.16
35 to 44 years.....	1,828,708	167,436	9.16	387,445	46,756	12.07	761,969	91,612	12.02	367,819	135,263	36.77
45 to 54 years.....	1,352,503	133,153	9.84	152,880	16,640	10.89	680,582	71,497	10.51	244,913	92,064	37.59
55 to 64 years.....	846,810	84,049	9.93	57,995	6,188	10.67	470,102	43,996	9.36	124,691	46,156	36.93
65 years and over.....	713,592	47,867	6.71	42,729	3,094	7.24	321,487	19,669	6.12	105,761	27,528	26.03
Age unknown.....	28,622	6,368	22.24	3,886	1,207	31.06	7,987	2,999	37.55	18,141	7,467	41.16

(a) Persons of negro descent, Chinese, Japanese, and civilized Indians.

From this table it is seen that the proportion of persons from 10 to 14 years of age at work is very much larger for the foreign white and colored, both male and female, than for the native white, whether of native or foreign parentage. This is also the case with those from 15 to 19 years of age, especially with respect to females, the largest proportion at work being found among the foreign white. It will also be noticed that the proportion of colored 65 years of age and over who were at work is large, as compared with the proportion at work among each of the other elements of the population of the same age.

OCCUPATIONS.

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The following table shows the distribution by age periods of the whole number of males and females engaged in gainful occupations and in each class of occupations:

SEX AND AGE PERIODS.	NUMBER AND PER CENT OF PERSONS OF EACH SPECIFIED AGE OF TOTAL PERSONS 10 YEARS OF AGE AND OVER ENGAGED IN GAINFUL OCCUPATIONS AND IN EACH CLASS OF OCCUPATIONS.											
	All occupations.		Agriculture, fisheries, and mining.		Professional service.		Domestic and personal service.		Trade and trans- portation.		Manufacturing and mechanical industries.	
	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.
Males	18,821,000	100.00	8,333,813	100.00	632,646	100.00	2,692,879	100.00	3,097,701	100.00	4,064,051	100.00
10 to 14 years.....	400,586	2.13	256,130	3.07	462	0.07	50,497	1.83	30,108	1.26	54,389	1.34
15 to 19 years.....	1,904,805	10.12	884,149	10.61	16,248	2.57	271,885	10.10	309,292	9.98	423,291	10.42
20 to 24 years.....	2,850,993	15.18	1,219,071	14.63	74,740	11.81	437,181	16.23	523,169	16.89	602,823	14.83
25 to 34 years.....	4,989,814	26.51	1,953,651	23.44	185,535	29.33	781,072	29.03	940,402	30.55	1,122,554	27.62
35 to 44 years.....	3,626,356	19.27	1,518,619	18.22	147,757	23.36	518,998	19.27	622,658	20.10	818,324	20.14
45 to 54 years.....	2,538,459	13.49	1,154,085	13.85	108,210	16.79	337,556	12.54	385,436	12.44	555,172	13.66
55 to 64 years.....	1,514,615	8.05	779,175	9.35	61,404	9.71	181,285	6.73	179,277	5.79	313,414	7.71
65 years and over.....	910,895	4.84	545,966	6.55	37,430	5.92	92,479	3.43	75,728	2.45	159,292	3.92
Age unknown.....	78,507	0.41	22,967	0.28	2,791	0.44	21,326	0.79	16,631	0.54	14,792	0.36
Females	3,914,571	100.00	679,523	100.00	311,687	100.00	1,667,698	100.00	228,421	100.00	1,027,242	100.00
10 to 14 years.....	202,426	5.17	83,816	12.33	446	0.14	77,511	4.65	5,218	2.28	35,435	3.45
15 to 19 years.....	906,240	23.15	120,602	18.63	46,617	14.96	390,233	23.40	60,933	26.68	281,855	27.44
20 to 24 years.....	947,221	24.20	87,527	12.88	117,361	37.65	399,114	23.93	72,101	31.56	271,118	26.39
25 to 34 years.....	807,670	20.63	91,096	13.40	91,458	29.34	336,662	20.19	49,854	21.83	238,600	23.23
35 to 44 years.....	441,067	11.27	87,096	12.83	31,943	10.25	195,657	11.73	20,038	8.77	106,333	10.35
45 to 54 years.....	313,363	8.00	92,460	13.61	15,589	5.00	137,995	8.28	11,425	5.00	55,594	5.44
55 to 64 years.....	180,387	4.61	67,963	10.00	5,230	1.68	76,686	4.60	5,689	2.49	24,819	2.42
65 years and over.....	98,158	2.51	40,747	6.00	1,735	0.56	42,261	2.53	2,405	1.08	10,950	1.06
Age unknown.....	18,039	0.46	2,216	0.33	1,308	0.42	11,579	0.69	698	0.31	2,238	0.22

Males from 25 to 34 years of age engaged in gainful occupations in 1890 constituted 26.51 per cent of the whole number at work, and those from 35 to 44 years of age 19.27 per cent. The largest percentage of females engaged in gainful occupations was that for those from 20 to 24 years of age, or 24.20 per cent, the next largest being 23.15 per cent for those from 15 to 19 years of age, and the third largest being 20.63 per cent for those from 25 to 34 years of age, these three age periods combined constituting more than two-thirds of all the females at work. Taking the whole number of males from 15 to 45 years of age engaged in gainful occupations, it is seen that they constituted in 1890 more than seventh-tenths of all the males at work, while of the whole number of females at work those from 15 to 45 years of age constituted very nearly four-fifths.

The proportions of males and females of the various age periods engaged in each class of occupations vary considerably, as shown by the preceding table, the most noticeable being the large proportion of females engaged in professional service, principally teachers, represented by the two age periods, 20 to 24 years and 25 to 34 years, and comprehending 66.99 per cent of all the females in professional service.

The distribution of each sex engaged in gainful occupations according to the percentage in each class of occupations is shown for each age period in the following table:

AGE PERIODS.	PER CENT OF MALES ENGAGED IN EACH CLASS OF OCCUPATIONS OF TOTAL MALES ENGAGED IN GAINFUL OCCUPATIONS.					PER CENT OF FEMALES ENGAGED IN EACH CLASS OF OCCUPATIONS OF TOTAL FEMALES ENGAGED IN GAINFUL OCCUPATIONS.				
	Agriculture, fisheries, and mining.	Professional service.	Domestic and personal service.	Trade and transportation.	Manufacturing and mechanical industries.	Agriculture, fisheries, and mining.	Professional service.	Domestic and personal service.	Trade and transportation.	Manufacturing and mechanical industries.
Aggregate.....	44.23	3.30	14.31	16.46	21.59	17.36	7.96	42.60	5.84	26.24
10 to 14 years.....	63.94	0.11	12.61	9.79	13.53	41.41	0.22	38.29	2.58	17.50
15 to 19 years.....	46.42	0.85	14.27	16.24	22.22	13.97	5.15	43.06	6.72	31.10
20 to 24 years.....	42.67	2.62	15.30	18.31	21.10	9.24	12.39	42.14	7.01	23.62
25 to 34 years.....	39.15	3.72	15.66	18.97	22.50	11.28	11.33	41.68	6.17	29.64
35 to 44 years.....	41.88	4.07	14.31	17.17	22.57	19.75	7.24	44.36	4.54	24.11
45 to 54 years.....	45.40	4.19	13.30	15.18	21.87	29.50	4.97	44.04	3.65	17.84
55 to 64 years.....	51.44	4.06	11.97	11.84	20.69	37.68	2.90	42.51	3.15	13.76
65 years and over.....	59.94	4.11	10.15	8.31	17.49	41.51	1.77	43.05	2.51	11.16
Age unknown.....	29.26	3.56	27.16	21.18	18.84	12.28	7.25	64.19	3.87	12.41

For each of the six periods covering the ages from 15 to 64 years there was in 1890 very nearly the same proportion of males engaged in manufacturing and mechanical industries, the number in this class constituting in each case somewhat more than one-fifth of the whole number of males of the specified ages at work. The percentages of males engaged in agriculture, fisheries, and mining are especially large for those from 10 to 14 years of age and for those 65 years of age and over, while the smallest percentage shown for this class was that for males from 25 to 34 years of age.

Females engaged in manufacturing and mechanical industries in 1890 constituted a very considerable proportion of the whole number of females at work for the periods from 15 to 19 years, 20 to 24 years, and 25 to 34 years of age, respectively, and a somewhat less proportion for the period from 35 to 44 years of age. With the exception of the period from 10 to 14 years, females engaged in domestic and personal service constituted the largest proportion of all the females of each of the specified ages at work, but of those from 10 to 14 years of age there was a slightly larger proportion engaged in agriculture, fisheries, and mining. For the three older periods, comprehending females 45 years of age and over, the proportion engaged in agriculture, fisheries, and mining was also large, being very nearly equal to that for those in domestic and personal service for females 65 years of age and over, and only slightly less for females from 55 to 64 years of age.

The total number of males 20 years of age and over in the United States in 1890 was 17,529,161, and of this number 16,515,639, or 94.22 per cent, were engaged in gainful occupations. The number and percentage of males 20 years of age and over engaged in gainful occupations in each state and territory in 1890 are given in the following table:

STATES AND TERRITORIES.	MALES 20 YEARS OF AGE AND OVER.			STATES AND TERRITORIES.	MALES 20 YEARS OF AGE AND OVER.		
	Total.	Number and per cent engaged in gainful occupations.			Total.	Number and per cent engaged in gainful occupations.	
		Number.	Per cent.			Number.	Per cent.
The United States	17,529,161	16,515,639	94.22	North Central division—Continued.			
North Atlantic division	5,217,662	4,890,526	93.73	Iowa	540,157	500,954	92.74
Maine	207,480	193,316	93.17	Missouri	730,862	690,243	94.44
New Hampshire	121,835	114,819	94.24	North Dakota	57,578	55,014	96.59
Vermont	105,011	97,682	93.02	South Dakota	99,769	95,689	95.91
Massachusetts	686,349	639,871	93.23	Nebraska	812,701	297,604	95.17
Rhode Island	103,210	97,187	94.16	Kansas	896,809	373,475	94.12
Connecticut	231,514	217,246	93.84	South Central division	2,612,056	2,494,074	95.48
New York	1,823,608	1,705,477	93.52	Kentucky	407,757	440,907	94.26
New Jersey	426,643	402,113	94.25	Tennessee	418,577	399,934	95.55
Pennsylvania	1,512,012	1,422,815	94.10	Alabama	338,714	325,024	95.96
South Atlantic division	2,094,522	1,980,989	95.01	Mississippi	282,659	272,201	96.30
Delaware	48,889	40,307	94.72	Louisiana	261,300	251,460	96.23
Maryland	279,855	263,566	94.18	Texas	550,322	530,092	95.39
District of Columbia	66,726	61,302	91.87	Oklahoma	10,581	18,647	95.23
Virginia	393,279	369,765	94.02	Arkansas	267,146	255,209	95.53
West Virginia	188,688	178,181	94.43	Western division	1,187,120	1,130,425	95.22
North Carolina	356,483	338,677	95.01	Montana	66,954	64,810	96.60
South Carolina	246,162	237,015	96.28	Wyoming	27,806	27,028	97.20
Georgia	414,675	399,632	96.37	Colorado	169,155	162,388	96.00
Florida	99,765	95,544	95.77	New Mexico	46,533	44,608	96.51
North Central division	6,417,801	6,010,625	93.66	Arizona	24,234	23,342	95.91
Ohio	1,050,024	976,411	92.99	Utah	50,685	53,905	95.10
Indiana	615,840	578,521	93.94	Nevada	21,373	20,507	95.95
Illinois	1,110,647	1,032,220	92.94	Idaho	82,407	31,425	96.07
Michigan	636,843	600,291	94.26	Washington	151,206	145,477	96.21
Wisconsin	477,368	441,823	92.57	Oregon	114,890	108,754	94.66
Minnesota	389,203	367,680	94.47	California	475,877	447,981	94.14

Occupations were not tabulated separately for males 21 years of age and over, constituting the potential voters of the country, but a very close approximation to the real facts concerning this class can be obtained by considering males 20 years of age and over at work with reference to the number and percentage in each class of occupations, as shown by states and territories in the table on the following page.

OCCUPATIONS.

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STATES AND TERRITORIES.	NUMBER AND PER CENT IN EACH CLASS OF OCCUPATIONS OF TOTAL MALES 20 YEARS OF AGE AND OVER ENGAGED IN GAINFUL OCCUPATIONS.									
	Agriculture, fisheries, and mining.		Professional service.		Domestic and personal service.		Trade and transporta- tion.		Manufacturing and mechanical industries.	
	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.
The United States.....	7,193,534	43.50	615,936	3.73	2,370,497	14.25	2,749,301	16.65	3,586,371	21.71
North Atlantic division.....	1,107,183	22.64	180,008	3.82	848,353	17.35	1,046,001	21.39	1,702,291	34.81
Maine.....	78,798	40.70	5,876	3.04	23,809	12.36	32,005	16.66	52,738	27.28
New Hampshire.....	39,046	34.01	3,409	3.02	13,025	11.34	10,883	14.70	42,396	36.93
Vermont.....	40,583	50.70	2,969	3.04	10,277	10.52	12,557	12.85	22,296	22.83
Massachusetts.....	73,025	11.41	25,519	3.99	92,868	14.52	154,452	24.14	293,977	45.94
Rhode Island.....	11,243	11.57	3,338	3.43	16,273	16.74	21,003	23.23	44,730	46.03
Connecticut.....	43,270	19.92	7,327	3.37	31,763	14.62	30,274	18.08	95,612	44.01
New York.....	361,986	21.22	73,832	4.33	300,451	17.62	413,451	24.24	553,757	32.59
New Jersey.....	64,696	16.09	15,055	3.74	73,381	18.25	96,936	24.03	152,345	37.89
Pennsylvania.....	385,530	27.10	49,163	3.46	256,416	20.12	259,230	18.22	442,440	31.10
South Atlantic division.....	1,160,760	58.33	65,441	3.20	229,024	11.51	253,379	12.73	281,379	14.14
Delaware.....	15,105	32.62	1,405	3.10	8,870	19.10	7,349	15.87	13,518	29.19
Maryland.....	85,000	32.25	9,914	3.77	46,893	17.79	54,402	20.64	67,348	25.55
District of Columbia.....	1,000	2.61	5,581	9.10	17,049	27.81	20,591	33.59	16,481	26.89
Virginia.....	207,723	56.18	11,694	3.17	45,873	12.41	49,030	13.26	55,445	14.08
West Virginia.....	111,610	62.64	6,217	3.49	16,041	9.00	19,871	11.15	24,442	13.72
North Carolina.....	251,487	74.26	8,329	2.61	22,347	6.60	24,803	7.31	31,211	9.22
South Carolina.....	176,928	74.65	5,883	2.48	17,131	7.23	18,296	7.72	18,777	7.02
Georgia.....	263,318	65.89	11,099	2.92	38,377	9.69	45,965	11.50	40,903	10.09
Florida.....	47,986	50.22	4,189	4.39	10,443	17.21	13,072	13.68	13,854	14.50
North Central division.....	2,855,219	47.50	230,407	3.83	894,740	13.39	971,430	16.16	1,148,629	19.11
Ohio.....	381,233	39.05	40,522	4.15	151,904	15.56	161,771	16.57	240,921	24.07
Indiana.....	292,077	59.49	23,545	4.07	76,933	13.30	79,665	13.77	106,301	18.37
Illinois.....	396,930	38.45	39,022	3.87	157,875	15.29	201,771	19.55	235,713	22.84
Michigan.....	275,437	45.83	19,887	3.31	94,721	15.78	86,501	14.41	123,745	20.62
Wisconsin.....	211,242	47.80	13,115	2.97	65,529	14.78	57,293	12.97	94,944	21.48
Minnesota.....	172,105	46.81	13,649	3.71	53,290	14.49	62,494	17.09	66,143	17.99
Iowa.....	291,037	58.10	18,513	3.70	46,868	9.35	77,251	15.42	67,285	13.43
Missouri.....	351,214	50.88	27,340	3.96	80,040	11.00	117,888	17.08	113,761	16.48
North Dakota.....	39,704	71.39	1,884	3.39	4,112	7.39	6,105	10.98	3,809	6.85
South Dakota.....	64,385	67.29	3,543	3.70	7,497	7.83	11,759	12.29	8,595	8.89
Nebraska.....	151,906	51.06	11,999	4.03	35,025	11.77	54,137	18.19	44,477	14.95
Kansas.....	227,880	61.02	10,488	4.42	31,086	8.32	54,795	14.07	43,226	11.57
South Central division.....	1,060,404	66.57	85,145	3.41	236,811	9.40	270,496	10.85	241,218	9.67
Kentucky.....	272,733	61.86	15,671	3.55	42,983	9.75	51,128	11.60	58,392	13.24
Tennessee.....	259,000	64.99	14,684	3.67	34,928	8.73	40,089	11.62	44,333	11.09
Alabama.....	229,041	70.65	8,985	2.76	27,080	8.34	30,075	9.44	28,034	8.81
Mississippi.....	214,222	78.70	7,436	2.73	16,680	6.13	10,330	7.10	14,593	5.34
Louisiana.....	141,190	56.15	7,024	2.79	42,117	10.75	33,169	13.19	27,960	11.12
Texas.....	338,813	63.84	21,884	4.13	54,408	10.25	68,523	12.91	47,064	8.87
Oklahoma.....	12,731	68.28	836	4.48	1,214	6.51	1,915	10.27	1,951	10.46
Arkansas.....	191,174	74.91	8,625	3.38	17,392	6.81	19,067	7.71	18,851	7.19
Western division.....	409,962	36.27	48,335	4.28	251,569	22.25	207,905	18.80	212,654	18.81
Montana.....	24,626	38.00	2,245	3.46	10,837	25.98	10,630	16.40	10,472	16.16
Wyoming.....	10,377	38.39	928	3.43	6,712	24.83	4,869	18.02	4,142	15.33
Colorado.....	55,058	33.91	7,302	4.50	30,870	18.70	36,264	22.33	33,394	20.56
New Mexico.....	23,012	51.24	1,361	3.03	12,744	28.38	4,559	10.15	3,232	7.20
Arizona.....	9,742	41.91	920	3.96	6,821	29.35	3,442	14.81	2,317	9.97
Utah.....	21,022	39.00	2,078	3.85	10,615	19.69	9,454	17.54	10,786	18.52
Nevada.....	9,853	48.05	709	3.46	4,305	20.99	3,064	14.94	2,576	12.56
Idaho.....	17,580	55.94	989	3.15	5,336	16.98	4,045	12.87	3,476	11.06
Washington.....	44,666	30.70	6,461	4.44	34,609	23.79	28,720	18.87	33,021	22.70
Oregon.....	46,775	43.01	4,881	4.49	20,539	18.89	17,179	15.80	19,880	17.81
California.....	147,251	32.87	20,401	4.57	102,081	22.92	87,679	19.57	89,909	20.07

From the preceding table it is seen that there were in 1890, for the entire country, 7,193,534 males 20 years of age and over engaged in agriculture, fisheries, and mining, and that this number constituted 43.56 per cent of the whole number of males of that age who were occupied. The state containing the largest proportion of adult males engaged in this class of occupations in 1890 was Mississippi, where they constituted 78.70 per cent of all adult males at work. In Arkansas, North Carolina, and South Carolina practically three-fourths of all the adult males who were occupied were engaged in agriculture, fisheries, and mining, while in the remaining states of the South Atlantic and South Central divisions, with the exception of Delaware, Maryland, and the District of Columbia, from one-half to two-thirds of the adult males at work were so occupied. In the North Central division, the largest proportions of males of the specified ages who were engaged in agriculture, fisheries, and mining in 1890 were found in North Dakota, South Dakota, Kansas, Iowa, Nebraska, Missouri, and Indiana, in the order named; in each of these states the adult males who were so occupied constituted more than one-half, and in the Dakotas more than two-thirds, of all the adult males at work. In the Western division, males 20 years of age and over engaged in agriculture, fisheries, and mining constituted more than one-half of all the adult males at work in Idaho and New Mexico only, while in the North Atlantic division this was true of Vermont only.

Turning to manufacturing and mechanical industries, we find that Rhode Island has the largest proportion of adult males engaged in this class of occupations, constituting 46.03 per cent of all the adult males at work, closely followed by Massachusetts with 45.94 per cent and Connecticut with 44.01 per cent, and these by New Jersey with 37.89 per cent and New Hampshire with 36.93 per cent. In New York and Pennsylvania the adult males engaged in manufacturing and mechanical industries constituted somewhat more than three-tenths, in Delaware very nearly two-thirds, in Maine, the District of Columbia, and Maryland somewhat more than one-half, and in Ohio very nearly one-half, of all the adult males at work.

OCCUPATIONS BY CONJUGAL CONDITION.

In the tabulation of occupations according to the conjugal condition of the persons occupied, the small number for whom the conjugal condition was "unknown" were combined, for convenience of presentation, with the single.

The number and percentage of males and females at work, out of the whole number of single, married, widowed, and divorced, in 1890, are as follows:

CONJUGAL CONDITION.	MALE POPULATION 10 YEARS OF AGE AND OVER.			FEMALE POPULATION 10 YEARS OF AGE AND OVER.		
	Total.	Number and per cent engaged in gainful occupations.		Total.	Number and per cent engaged in gainful occupations.	
		Number.	Per cent.		Number.	Per cent.
Aggregate.....	24,352,659	18,821,090	77.29	23,060,900	3,914,571	16.97
Single and unknown.....	12,282,893	7,378,971	60.08	9,708,194	2,783,825	28.16
Married.....	11,205,228	10,749,080	95.93	11,126,196	515,260	4.63
Widowed.....	815,437	648,457	79.52	2,154,615	630,268	29.25
Divorced.....	49,101	44,582	90.80	71,895	35,218	48.99

Of all the married males in 1890, those at work constituted 95.93 per cent, while of all the married females only 4.63 per cent were at work. Of the divorced females, very nearly one-half, or 48.99 per cent, were at work, and of widowed females, very nearly three-tenths, or 29.25 per cent.

OCCUPATIONS.

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The tables following show, for each state and territory, the number of single, married, widowed, and divorced males and females engaged in gainful occupations in 1890, and the percentage which they constituted in each case of the whole number of males and females of each conjugal condition:

STATES AND TERRITORIES.	MALE POPULATION 10 YEARS OF AGE AND OVER, CLASSIFIED BY CONJUGAL CONDITION.											
	Single and unknown.			Married.			Widowed.			Divorced.		
	Total.	Number and per cent engaged in gainful occupations.		Total.	Number and per cent engaged in gainful occupations.		Total.	Number and per cent engaged in gainful occupations.		Total.	Number and per cent engaged in gainful occupations.	
		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.
The United States.....	12,282,898	7,378,971	60.08	11,205,228	10,740,080	95.83	815,437	648,457	79.52	40,101	44,592	90.80
North Atlantic division.....	3,312,353	2,180,845	65.84	3,322,329	3,154,577	94.95	259,877	198,362	76.33	10,007	9,257	92.51
Maine.....	121,174	69,533	57.38	137,419	132,255	96.24	12,100	9,241	76.37	1,094	1,004	91.77
New Hampshire.....	68,786	45,398	66.00	78,658	75,032	95.15	7,684	6,083	79.10	800	734	91.75
Vermont.....	60,367	36,046	59.71	70,140	67,191	95.80	6,808	5,043	74.07	584	524	89.73
Massachusetts.....	428,210	289,306	67.56	421,046	401,523	95.10	35,513	27,078	76.25	1,394	1,250	90.32
Rhode Island.....	65,224	46,434	71.10	64,852	62,138	95.82	5,488	4,231	77.10	391	361	92.33
Connecticut.....	144,233	97,200	67.39	144,054	138,737	96.31	11,542	8,937	77.43	848	760	89.83
New York.....	1,130,733	735,734	64.72	1,155,661	1,114,598	96.45	91,009	69,805	76.15	2,219	2,148	96.80
New Jersey.....	269,146	175,243	65.11	278,957	268,214	96.15	20,119	15,672	77.80	363	338	93.11
Pennsylvania.....	1,018,480	685,953	67.35	970,042	894,289	92.13	69,614	52,772	75.81	2,316	2,129	91.93
South Atlantic division.....	1,645,353	964,877	58.64	1,436,089	1,384,764	96.43	94,417	79,453	84.15	2,910	2,693	92.54
Delaware.....	83,804	21,773	25.86	31,159	30,273	97.16	2,306	1,854	80.40	40	38	95.00
Maryland.....	199,844	124,328	62.21	178,185	172,694	96.91	14,125	11,203	79.31	821	290	35.34
District of Columbia.....	45,542	28,184	61.89	30,639	33,010	95.89	3,378	2,655	78.04	146	143	97.95
Virginia.....	320,600	177,536	55.38	257,559	251,068	97.48	19,865	16,348	82.17	533	476	89.31
West Virginia.....	145,901	70,470	48.30	127,829	125,269	98.00	7,487	6,015	80.34	359	321	89.42
North Carolina.....	290,677	160,538	55.23	253,635	248,329	97.91	15,074	12,960	85.98	878	844	91.01
South Carolina.....	202,095	122,190	60.46	182,524	179,586	98.39	10,637	9,448	88.82	210	199	94.76
Georgia.....	331,928	219,777	66.21	298,594	273,707	91.67	16,823	14,756	87.71	579	550	94.99
Florida.....	74,874	40,025	53.46	60,955	65,833	98.32	4,694	4,214	89.77	344	332	96.51
North Central division.....	4,404,229	2,488,253	56.50	4,114,822	3,935,462	95.64	285,802	210,001	73.80	23,230	20,533	88.39
Ohio.....	697,457	395,545	56.71	691,197	653,900	94.60	50,209	36,115	71.93	3,507	3,049	86.95
Indiana.....	408,743	222,106	54.34	413,733	391,018	94.51	29,892	23,372	78.19	3,000	2,000	66.67
Illinois.....	758,869	459,700	60.58	697,129	655,330	94.00	47,844	35,299	73.78	3,317	2,800	84.22
Michigan.....	399,176	223,727	56.05	420,700	415,756	98.82	23,482	21,647	92.16	2,805	2,467	87.92
Wisconsin.....	329,066	188,088	57.05	304,210	290,243	95.41	22,453	16,447	73.26	1,639	1,451	88.53
Minnesota.....	281,120	171,913	61.15	226,159	218,650	96.68	14,092	11,914	84.54	1,071	975	91.04
Iowa.....	380,409	207,874	54.64	349,345	324,852	92.99	23,387	16,931	72.39	1,993	1,761	88.36
Missouri.....	533,594	286,720	53.73	467,000	454,492	97.20	34,560	28,328	81.05	2,231	2,014	90.27
North Dakota.....	40,677	27,039	66.47	31,611	31,075	98.30	2,025	1,716	84.74	129	126	97.67
South Dakota.....	69,361	40,364	58.19	59,647	58,574	98.20	3,818	3,297	86.35	426	400	93.90
Nebraska.....	224,061	129,625	57.85	190,318	185,554	97.60	11,140	9,054	81.27	1,296	1,183	91.28
Kansas.....	281,006	135,492	48.20	263,173	250,009	97.28	16,991	13,781	81.11	1,756	1,557	88.67
South Central division.....	2,048,233	1,100,638	53.74	1,702,119	1,750,907	97.70	130,422	115,092	88.25	6,840	6,408	93.68
Kentucky.....	351,184	180,152	51.30	313,436	305,870	97.59	23,692	19,759	83.40	1,200	1,156	96.33
Tennessee.....	327,885	167,320	51.03	290,440	285,708	98.37	21,198	19,058	89.90	1,154	1,087	94.19
Alabama.....	271,386	157,134	57.90	244,803	240,475	98.23	15,008	13,324	88.78	744	694	93.28
Mississippi.....	233,631	123,089	52.70	202,798	190,966	94.18	14,778	13,406	90.72	581	570	98.11
Louisiana.....	202,591	126,551	62.47	178,220	175,333	98.38	13,372	11,709	88.24	632	610	96.52
Texas.....	440,114	229,560	52.16	362,324	355,606	98.15	26,848	23,056	85.91	1,407	1,371	97.43
Oklahoma.....	12,711	7,079	55.69	12,005	11,770	98.04	996	905	90.86	99	95	95.96
Arkansas.....	208,731	108,853	52.15	188,093	176,172	93.66	14,530	13,185	90.74	873	825	94.50
Western division.....	872,725	644,358	73.83	539,869	523,870	96.94	44,919	38,049	84.70	6,114	5,691	93.08
Montana.....	50,865	43,033	84.63	22,772	22,145	97.25	1,706	1,567	91.85	253	242	95.65
Wyoming.....	21,304	17,035	80.00	10,308	10,154	98.51	859	812	94.53	144	135	93.75
Colorado.....	120,204	93,064	77.42	75,735	73,052	96.45	6,044	5,387	89.13	736	693	94.16
New Mexico.....	29,850	19,033	63.75	20,343	28,300	98.35	2,479	2,128	85.84	207	196	94.69
Arizona.....	19,178	14,614	76.20	9,596	9,293	97.45	918	844	91.94	104	96	92.31
Utah.....	43,008	25,055	57.99	33,823	33,049	97.71	1,802	1,520	84.35	214	201	93.93
Nevada.....	16,410	12,880	78.49	8,023	7,836	97.67	771	718	93.13	166	157	94.58
Idaho.....	24,465	17,792	72.72	14,500	14,275	98.45	1,120	1,025	91.52	191	186	97.88
Washington.....	110,521	86,375	78.15	69,598	61,961	89.03	5,145	4,543	88.30	761	702	92.25
Oregon.....	84,539	56,701	67.14	50,262	54,436	96.75	4,853	4,098	84.42	752	693	92.15
California.....	351,415	257,518	73.28	216,029	207,709	96.15	19,222	16,007	83.27	2,580	2,390	92.42

STATES AND TERRITORIES.	FEMALE POPULATION 10 YEARS OF AGE AND OVER, CLASSIFIED BY CONJUGAL CONDITION.											
	Single and unknown.			Married.			Widowed.			Divorced.		
	Total.	Number and per cent engaged in gainful occupations.		Total.	Number and per cent engaged in gainful occupations.		Total.	Number and per cent engaged in gainful occupations.		Total.	Number and per cent engaged in gainful occupations.	
		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.
The United States.....	9,708,104	2,733,825	28.16	11,126,106	515,260	4.63	2,154,615	630,268	29.25	71,895	35,218	48.99
North Atlantic division.....	2,948,219	1,144,777	38.83	3,293,929	125,563	3.81	726,481	150,492	20.72	15,182	7,587	49.97
Maine.....	101,416	33,359	32.89	137,184	5,770	4.21	29,938	5,217	17.43	1,337	717	53.63
New Hampshire.....	61,016	26,009	42.61	72,528	5,941	7.57	18,943	3,732	19.70	1,084	576	53.14
Vermont.....	48,203	14,862	30.83	69,956	2,276	3.25	14,438	2,489	17.24	677	340	50.23
Massachusetts.....	421,528	211,455	50.16	421,259	27,145	6.44	107,273	23,213	21.64	2,484	1,465	58.93
Rhode Island.....	64,851	34,923	53.85	64,838	4,211	6.49	15,556	3,182	20.40	750	398	52.44
Connecticut.....	129,705	58,434	45.05	143,263	5,690	3.97	34,889	6,664	19.10	1,208	592	49.01
New York.....	1,017,924	410,498	40.33	1,149,995	42,968	3.74	265,456	58,792	22.15	8,395	1,682	49.51
New Jersey.....	239,865	89,164	37.17	270,345	9,249	3.35	57,763	12,589	21.79	565	269	47.61
Pennsylvania.....	863,711	265,473	30.74	952,563	22,313	2.34	182,225	34,614	19.00	3,583	1,548	43.20
South Atlantic division.....	1,459,515	403,094	26.95	1,448,455	143,495	9.91	823,050	135,989	42.10	6,182	3,691	59.70
Delaware.....	27,242	7,682	28.22	31,192	1,201	3.85	6,154	1,421	23.09	70	38	54.29
Maryland.....	183,067	56,989	31.13	179,888	13,897	7.73	42,583	13,562	31.85	582	304	52.23
District of Columbia.....	45,940	18,535	40.34	89,075	6,879	7.74	13,929	6,520	46.81	314	103	32.46
Virginia.....	292,225	66,969	22.92	258,116	16,447	6.37	61,877	22,439	36.26	1,039	514	49.47
West Virginia.....	121,323	15,340	12.64	127,506	1,915	1.50	18,489	4,199	22.83	674	253	37.54
North Carolina.....	272,093	72,399	26.61	257,910	18,010	6.98	50,589	24,271	47.66	836	512	61.24
South Carolina.....	189,872	68,382	37.81	184,968	38,240	20.68	40,617	22,404	55.16	483	309	63.61
Georgia.....	281,513	84,069	30.08	302,097	39,540	13.09	69,125	34,047	50.12	1,551	1,067	68.79
Florida.....	55,289	12,126	21.89	67,024	7,360	10.98	13,487	6,526	48.39	583	411	70.50
North Central division.....	3,314,567	770,831	23.26	4,038,449	78,043	1.90	636,284	150,062	23.58	32,230	13,753	42.67
Ohio.....	691,722	143,857	20.81	689,347	12,567	1.82	120,443	25,482	19.69	5,717	2,271	39.73
Indiana.....	329,174	60,659	18.43	413,523	6,685	1.62	71,252	15,770	22.13	4,711	1,788	37.95
Illinois.....	581,924	157,192	27.01	694,531	13,212	1.90	119,131	27,897	23.42	4,926	2,009	40.78
Michigan.....	288,955	73,244	25.34	410,304	8,899	2.12	59,080	12,282	20.79	3,493	1,583	45.33
Wisconsin.....	250,099	66,832	26.66	302,859	4,541	1.50	44,685	8,222	19.74	2,179	866	39.74
Minnesota.....	189,892	54,811	29.06	223,463	4,345	1.94	27,475	6,377	23.21	1,178	593	50.35
Iowa.....	286,684	62,325	21.74	340,983	5,380	1.54	46,025	11,478	24.92	2,880	1,234	42.85
Missouri.....	403,562	75,424	18.69	467,892	11,300	2.42	82,989	24,665	29.72	3,201	1,436	44.86
North Dakota.....	20,923	6,127	29.28	31,172	733	2.35	2,809	895	31.86	106	60	56.60
South Dakota.....	39,218	8,403	21.58	58,290	1,213	2.08	5,120	1,592	31.09	328	190	57.93
Nebraska.....	137,876	32,625	23.66	187,579	3,819	2.04	17,095	5,457	30.33	1,394	743	53.30
Kansas.....	196,896	29,772	15.12	263,506	5,409	2.05	29,680	9,345	31.49	2,117	981	46.34
South Central division.....	1,620,812	331,313	20.44	1,794,058	150,648	8.39	393,648	178,143	45.20	12,800	7,665	59.90
Kentucky.....	290,121	48,290	16.64	313,880	11,660	3.71	63,997	22,242	34.75	2,461	1,186	48.19
Tennessee.....	275,770	41,916	15.20	291,665	13,367	4.58	65,359	23,991	36.43	2,600	1,398	53.77
Alabama.....	232,215	69,291	29.84	245,952	30,440	12.38	58,018	29,182	50.30	1,419	1,062	74.81
Mississippi.....	195,197	57,321	29.37	204,194	38,270	18.74	49,610	28,245	56.93	1,233	972	78.83
Louisiana.....	168,947	53,378	31.59	179,458	30,299	16.88	50,270	24,303	48.34	1,193	803	67.31
Texas.....	301,420	88,754	29.45	360,756	16,379	4.54	69,228	29,295	42.32	2,568	1,587	61.89
Oklahoma.....	6,685	579	8.66	11,244	153	1.36	912	299	32.79	49	26	53.06
Arkansas.....	150,457	21,786	14.48	187,504	10,080	5.38	35,648	15,586	43.72	1,277	721	56.46
Western division.....	365,081	83,810	22.96	409,710	17,511	3.57	75,252	20,582	27.85	5,491	2,522	45.93
Montana.....	11,326	3,107	27.43	18,766	780	4.16	1,906	627	32.90	217	122	56.23
Wyoming.....	5,376	1,847	34.36	8,777	266	3.03	823	231	28.07	105	50	47.62
Colorado.....	45,790	12,898	28.17	69,100	2,765	4.00	9,575	3,108	32.41	712	381	53.51
New Mexico.....	16,558	1,993	12.04	28,931	699	2.31	4,877	1,154	23.66	290	118	40.69
Arizona.....	5,919	740	12.60	8,764	302	3.45	1,596	490	30.72	62	31	50.00
Utah.....	27,490	4,813	17.51	33,790	905	2.68	5,708	1,211	21.22	492	147	29.88
Nevada.....	5,397	1,120	20.75	6,282	338	5.38	1,051	304	28.92	125	62	49.60
Idaho.....	8,156	1,096	13.44	12,987	415	3.20	1,191	332	27.88	111	51	45.95
Washington.....	33,861	7,461	22.03	56,980	1,979	3.51	4,988	1,462	29.32	447	213	47.65
Oregon.....	39,245	7,393	18.76	52,312	1,531	2.93	5,874	1,649	28.07	537	250	46.55
California.....	165,964	41,866	25.23	194,621	7,561	3.88	37,666	10,019	26.60	2,893	1,097	45.84

Considering the conjugal condition of those occupied according to general nativity and color, the following table is obtained:

SEX AND CONJUGAL CONDITION.	NATIVE WHITE POPULATION OF NATIVE PARENTAGE 10 YEARS OF AGE AND OVER.			NATIVE WHITE POPULATION OF FOREIGN PARENTAGE 10 YEARS OF AGE AND OVER.			FOREIGN WHITE POPULATION 10 YEARS OF AGE AND OVER.			COLORED POPULATION (a) 10 YEARS OF AGE AND OVER.			NEGRO POPULATION (b) 10 YEARS OF AGE AND OVER.		
	Total.	Number and per cent engaged in gainful occupations.		Total.	Number and per cent engaged in gainful occupations.		Total.	Number and per cent engaged in gainful occupations.		Total.	Number and per cent engaged in gainful occupations.		Total.	Number and per cent engaged in gainful occupations.	
		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.
Males.....	12,901,102	9,535,827	73.91	3,895,395	2,737,714	70.28	4,781,748	4,329,606	90.54	2,774,414	2,217,943	79.94	2,646,171	2,101,379	79.41
Single and unknown...	6,408,359	3,420,799	53.38	2,727,659	1,610,953	59.06	1,683,506	1,410,691	83.79	1,463,369	936,528	64.00	1,873,750	859,675	45.90
Married.....	6,630,301	5,750,560	86.73	1,111,810	1,078,871	97.04	2,850,810	2,729,369	95.74	1,212,307	1,100,280	90.75	1,175,525	1,155,000	98.28
Widowed.....	432,260	337,489	77.37	51,886	43,599	84.05	238,325	181,333	76.09	93,406	86,036	92.05	81,683	84,601	102.23
Divorced.....	80,182	26,979	33.65	4,540	4,291	94.52	9,107	8,213	90.18	5,272	5,099	96.72	5,213	5,043	96.74
Females.....	12,474,664	1,359,196	10.90	3,873,026	804,694	20.78	4,005,139	775,151	19.35	2,708,071	975,530	36.02	2,682,801	971,785	36.22
Single and unknown...	5,176,377	938,734	18.13	2,371,426	723,307	30.50	986,202	570,255	57.83	1,174,189	405,529	34.53	1,164,196	403,637	34.68
Married.....	6,133,033	135,913	2.22	1,357,770	86,384	6.36	2,435,103	72,623	2.98	1,200,281	270,340	22.52	1,187,706	269,258	22.67
Widowed.....	1,120,964	265,682	23.70	135,959	41,236	30.33	574,855	122,249	21.27	322,837	201,101	62.29	320,205	200,358	62.57
Divorced.....	44,290	18,867	42.60	7,802	3,767	47.91	8,979	4,024	44.82	10,764	8,560	79.52	10,694	8,532	79.70

a Persons of negro descent, Chinese, Japanese, and civilized Indians.

b Includes all persons of negro descent.

From this table it appears that by far the larger part of the married females at work in 1890 were found among the colored, and that this class constituted 22.52 per cent of all the colored females who were married. Next to the colored, the largest percentage of married females at work was that for foreign white, those at work constituting 2.98 per cent of all foreign white females, while the percentage of married females at work among the native white elements of the population was slightly less. Among the widowed and divorced the percentages of colored females at work in 1890 were correspondingly large, being 62.29 per cent for the widowed and 79.52 per cent for the divorced.

For the males, it appears that of the colored very nearly all of those married, or 98.18 per cent, were at work, and if those of negro descent are considered alone, a slightly larger per cent, or 98.26, were at work. The largest percentages of widowed and divorced males at work were also found among the colored, those at work constituting 92.05 per cent of all the widowed and 96.72 per cent of all the divorced males who were colored.

The distribution of persons of each sex in each class of occupations according to conjugal condition is shown in the following table:

SEX AND CLASSES OF OCCUPATIONS.	SINGLE AND UNKNOWN.		MARRIED.		WIDOWED.		DIVORCED.	
	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.
Males.....	7,878,971	39.21	10,749,080	57.11	648,457	3.44	44,582	0.24
Agriculture, fisheries, and mining.....	3,046,910	38.56	4,969,477	59.03	298,573	3.58	18,853	0.23
Professional service.....	205,195	32.43	400,243	63.27	25,192	3.08	2,016	0.32
Domestic and personal service.....	1,243,574	46.18	1,345,368	49.96	96,027	8.59	7,810	0.27
Trade and transportation.....	1,327,079	42.84	1,680,594	54.25	83,684	2.70	6,344	0.21
Manufacturing and mechanical industries.....	1,556,213	38.29	2,853,898	57.91	144,381	8.55	10,059	0.25
Females.....	2,733,825	69.84	515,260	13.16	630,268	16.10	35,218	0.90
Agriculture, fisheries, and mining.....	295,148	48.44	152,956	22.51	225,548	33.19	5,871	0.80
Professional service.....	273,898	87.88	21,649	6.94	14,337	4.60	1,803	0.58
Domestic and personal service.....	1,164,960	69.85	214,068	12.84	272,109	16.32	16,561	0.99
Trade and transportation.....	187,829	82.23	16,875	7.39	22,219	9.73	1,498	0.05
Manufacturing and mechanical industries.....	811,990	79.05	109,712	10.68	96,055	9.35	9,485	0.92

Of the whole number of males engaged in gainful occupations in 1890, the married constituted 57.11 per cent, the single and unknown 39.21 per cent, the widowed 3.44 per cent, and the divorced 0.24 per cent. The largest percentage of married males was found in professional service and the largest percentage of single and unknown males in domestic and personal service. As would be naturally supposed, very nearly seven-tenths,

or 69.84 per cent, of all the females at work in 1890 were single or unknown, married females at work constituting 13.16 per cent of the whole number at work, widowed females 16.10 per cent, and divorced females 0.90 per cent. Of the females engaged in agriculture, fisheries, and mining, 33.19 per cent were widowed, 22.51 per cent were married, and 0.86 per cent were divorced, leaving little more than two-fifths, or 43.44 per cent, who were single or unknown. Married females at work in 1890 constituted 12.84 per cent of all the females in domestic and personal service, and 10.63 per cent of those in manufacturing and mechanical industries.

The distribution according to conjugal condition of males and females engaged in principal occupations is shown in the following table:

MALES.

PRINCIPAL OCCUPATIONS.	SINGLE AND UNKNOWN.		MARRIED.		WIDOWED.		DIVORCED.	
	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.
Agricultural laborers.....	1,847,857	72.27	636,256	24.88	66,164	2.59	6,680	0.26
Farmers, planters, and overseers.....	885,617	17.52	3,951,168	78.16	208,159	4.12	10,188	0.20
Gardeners, florists, nurserymen, and vine growers.....	19,226	27.39	46,080	65.08	4,654	6.63	226	0.32
Lumbermen, raftsmen, and wood choppers.....	52,475	52.74	43,341	43.56	3,353	3.37	334	0.31
Stock raisers, herders, and drovers.....	36,983	52.80	30,365	43.35	2,416	3.45	283	0.40
Fishermen and oystermen.....	24,788	41.38	32,735	54.05	2,240	3.74	136	0.22
Miners and quarrymen.....	183,913	47.54	191,364	49.46	10,605	2.76	930	0.24
Clergymen.....	15,864	18.22	67,291	77.29	3,779	4.34	126	0.15
Lawyers.....	23,080	25.81	61,827	69.14	4,178	4.67	337	0.38
Officials (government), etc. (a).....	16,543	21.29	57,484	73.07	3,516	4.52	172	0.22
Physicians and surgeons.....	20,104	20.11	74,234	74.05	5,342	5.33	508	0.51
Professors and teachers.....	55,624	54.92	43,051	42.51	2,369	2.34	234	0.23
Barbers and hairdressers.....	34,436	41.01	45,479	55.36	1,942	2.36	300	0.37
Bartenders.....	34,950	62.79	19,201	34.50	1,291	2.32	218	0.39
Engineers and firemen (not locomotive).....	40,102	28.70	94,690	67.77	4,554	3.26	372	0.27
Hotel and boarding and lodging house keepers.....	5,254	10.39	43,181	85.41	1,980	3.92	141	0.28
Laborers (not specified).....	870,466	46.84	914,109	49.18	69,141	3.72	4,842	0.26
Restaurant and saloon keepers.....	17,992	20.93	64,748	75.31	2,968	3.45	269	0.31
Servants.....	194,280	68.98	66,203	27.80	6,972	2.93	697	0.29
Watchmen, policemen, and detectives.....	14,138	19.02	55,957	75.26	4,058	5.46	197	0.26
Agents (claim, commission, real estate, insurance, etc.) and collectors.....	47,385	27.92	115,032	67.78	6,751	3.98	539	0.31
Bankers, brokers, and officials of banks, etc. (b).....	15,695	22.60	50,240	72.61	3,088	4.46	168	0.24
Boatmen, canalmen, pilots, and sailors.....	11,956	41.60	41,771	54.37	2,936	3.32	160	0.21
Bookkeepers and accountants.....	67,752	51.43	60,707	46.13	2,900	2.20	243	0.19
Clerks, copyists, stenographers, and typewriters.....	543,820	68.04	153,033	30.29	7,760	1.54	674	0.13
Commercial travelers.....	18,060	31.10	38,353	66.03	1,496	2.58	171	0.29
Draymen, hackmen, teamsters, etc.....	149,332	40.55	207,483	56.34	10,517	2.80	933	0.25
Hostlers and livery stable keepers.....	37,692	46.53	39,889	49.41	2,886	3.58	347	0.43
Hucksters and peddlers.....	10,487	34.81	34,876	61.38	2,278	4.00	175	0.31
Merchants and dealers.....	145,851	21.91	494,561	74.28	23,939	3.60	1,423	0.21
Messengers, packers, porters, etc.....	25,113	71.65	24,362	26.81	1,309	1.44	90	0.19
Salesmen.....	118,643	57.61	83,123	40.36	3,818	1.85	359	0.18
Steam railroad employes (c).....	198,690	43.12	251,133	54.50	10,153	2.21	795	0.17
Telegraph and telephone operators.....	28,456	65.06	14,814	33.87	409	0.93	61	0.14
Apprentices.....	73,015	98.07	1,378	1.85	48	0.06	14	0.02
Bakers.....	25,000	43.17	31,832	54.10	1,482	2.56	96	0.17
Blacksmiths and wheelwrights.....	65,738	25.55	151,989	69.68	9,746	4.46	667	0.31
Boot and shoe makers and repairers.....	57,061	32.22	111,276	61.87	9,883	5.55	642	0.36
Brick and tile makers and terra cotta workers.....	32,217	53.63	26,378	43.81	1,377	2.29	98	0.17
Builders and contractors.....	9,220	20.05	34,699	75.47	1,948	4.24	111	0.24
Butchers.....	38,861	36.81	63,050	59.85	3,023	2.87	385	0.37
Cabinet makers and upholsterers.....	18,919	33.31	37,279	62.33	2,472	4.13	139	0.23
Carpenters and joiners.....	160,271	27.20	412,710	67.61	80,240	4.95	2,072	0.34
Coopers.....	14,694	30.98	29,631	62.88	2,733	5.76	180	0.34
Cotton, woolen, and other textile mill operatives.....	117,189	54.79	91,580	42.81	4,890	2.29	242	0.11
Harness, saddle, trunk, valise, leather-case, and pocket-book makers.....	17,483	36.35	26,382	59.09	2,043	4.25	192	0.49
Iron, steel, and other metal workers (d).....	153,138	42.56	196,549	54.63	9,453	2.63	637	0.18
Leather curriers, dressers, finishers, and tanners.....	14,692	37.63	22,953	58.79	1,380	3.41	65	0.17
Machinists.....	69,259	59.14	102,299	67.81	5,080	2.87	313	0.18
Manufacturers and officials of manufacturing companies.....	10,753	16.54	80,387	79.37	3,936	3.89	204	0.29
Marble and stone cutters.....	22,902	37.54	35,873	53.79	2,123	3.48	114	0.19
Masons (brick and stone).....	44,017	27.71	106,629	67.11	7,760	4.88	472	0.39
Millers (flour and grist).....	12,174	23.08	38,188	72.40	2,265	4.29	120	0.23
Painters, glaziers, and varnishers.....	36,430	39.53	124,425	56.91	6,954	3.18	837	0.36
Plasterers.....	11,750	30.14	25,367	65.07	1,728	4.43	142	0.36
Plumbers and gas and steam fitters.....	32,842	57.18	23,046	40.74	1,093	1.93	82	0.15
Printers and compositors.....	62,238	59.53	40,397	38.51	2,055	1.96	209	0.20
Saw and planing mill employes, etc. (e).....	62,942	45.48	71,674	51.79	3,464	2.51	306	0.22
Tailors.....	40,736	33.50	75,695	62.17	5,074	4.18	188	0.15
Tobacco and cigar factory operatives.....	41,917	50.12	39,795	47.58	1,792	2.14	130	0.16
Wood workers (not otherwise specified).....	27,676	43.52	34,079	53.58	1,713	2.69	132	0.21

a Includes officers of United States army and navy.

b Brokers (commercial) not included.

c Includes locomotive engineers and firemen.

d Includes agricultural implement makers, brass workers, copper workers, iron and steel workers, lead and zinc workers, metal workers (not otherwise specified), molders, nail and tack makers, sewing machine makers, steam boiler makers, stove, furnace, and grate makers, tinners and tinware makers, and tool and cutlery makers.

e Includes door, sash, and blind makers.

OCCUPATIONS.

CXXXI

FEMALES.

PRINCIPAL OCCUPATIONS.	SINGLE AND UNKNOWN.		MARRIED.		WIDOWED.		DIVORCED.	
	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.
Agricultural laborers.....	272,154	60.87	123,161	27.82	50,520	11.80	2,260	0.51
Farmers, planters, and overseers.....	20,485	9.05	20,481	13.02	172,940	76.38	3,521	1.55
Professors and teachers.....	226,397	92.01	11,081	4.48	7,706	3.13	932	0.38
Musicians and teachers of music.....	27,595	79.94	4,112	11.91	2,366	6.01	426	1.24
Boarding and lodging house keepers.....	4,318	13.25	7,550	23.17	19,593	60.11	1,132	3.47
Housekeepers and stewardesses.....	42,305	49.14	13,093	15.21	28,742	83.30	1,944	2.26
Laborers (not specified).....	27,861	50.83	14,081	20.78	11,751	21.44	522	0.95
Laundresses.....	72,770	33.50	63,446	31.00	71,008	33.19	3,513	1.02
Nurses and midwives.....	20,711	50.03	5,408	13.06	14,532	35.11	747	1.80
Servants.....	991,425	81.49	100,070	8.22	116,916	9.61	8,228	0.08
Bookkeepers, clerks, stenographers, and typewriters.....	103,988	91.81	4,616	4.08	4,040	3.57	617	0.54
Saleswomen.....	53,758	91.97	2,520	4.81	1,930	3.50	243	0.42
Boot and shoe makers and repairers.....	27,887	82.81	3,827	11.36	1,632	4.85	331	0.99
Cotton, woolen, and other textile mill operatives.....	187,941	84.03	23,018	10.20	11,731	5.27	918	0.41
Dressmakers.....	214,940	74.55	35,271	12.23	33,693	11.79	4,118	1.43
Milliners, seamstresses, etc. (a).....	167,474	78.41	20,439	11.50	31,350	13.74	2,864	1.23
Tailorresses.....	50,769	70.50	6,132	9.01	9,461	10.13	447	0.70
Tobacco and cigar factory operatives.....	21,460	76.07	4,027	16.53	1,817	6.49	87	0.31

a Includes sewing machine operators and shirt, collar, and cuff makers.

Of all the occupations considered, the largest percentage of single and unknown males was found among apprentices, with 98.07 per cent; agricultural laborers, with 72.27 per cent; messengers, packers, porters, etc., with 71.65 per cent; servants, with 68.98 per cent; clerks, copyists, stenographers, and typewriters, with 68.04 per cent; telegraph and telephone operators, with 65.06 per cent, and bartenders, with 62.79 per cent. Other occupations in which the single and unknown males constituted more than one-half of all the males so occupied were printers and compositors; salesmen; plumbers and gas and steam fitters; professors and teachers; cotton, woolen, and other textile mill operatives; brick and tile makers and terra cotta workers; stock raisers, herders, and drovers; lumbermen, raftsmen, and wood choppers; bookkeepers and accountants, and tobacco and cigar factory operatives.

The statistics of occupations with respect to conjugal condition have their chief value relative to married females engaged in remunerative work. Taking this class of female workers, we find that, of the occupations considered, they constituted 31.60 per cent of all the laundresses, 27.32 per cent of all the female agricultural laborers, 26.78 per cent of all the female laborers (not specified), and 23.17 per cent of all the female boarding and lodging house keepers. Of the female operatives in tobacco and cigar factories, 16.53 per cent were married, and of those in cotton, woolen, and other textile mills, 10.29 per cent were married. More than three-fourths of all the female farmers, planters, and overseers were widowed, and of female boarding and lodging house keepers the widowed constituted fully three-fifths.

OCCUPATIONS BY ILLITERACY.

The illiterate male and female population engaged in gainful occupations in 1890 is classified by general nativity and color in the following table, giving in addition the percentages which those at work are of the whole number of illiterate males and females in each case:

GENERAL NATIVITY AND COLOR.	ILLITERATE MALE POPULATION 10 YEARS OF AGE AND OVER.			ILLITERATE FEMALE POPULATION 10 YEARS OF AGE AND OVER.		
	Total.	Number and per cent engaged in gainful occupations.		Total.	Number and per cent engaged in gainful occupations.	
		Number.	Per cent.		Number.	Per cent.
Aggregate.....	3,008,222	2,588,765	86.06	3,310,480	852,306	25.70
Total white.....	1,517,722	1,273,077	84.21	1,604,852	218,758	12.91
Native white.....	978,408	788,408	80.50	1,086,595	130,536	12.01
Native parents.....	828,415	710,824	81.02	1,002,308	118,579	11.83
Foreign parents.....	89,993	68,644	76.28	84,287	11,957	14.19
Foreign white.....	539,314	480,609	90.78	608,257	88,222	14.50
Total colored (a).....	1,490,500	1,310,688	87.94	1,621,628	633,548	39.07
Persons of negro descent.....	1,488,923	1,264,462	87.88	1,603,745	630,970	39.34

a Persons of negro descent, Chinese, Japanese, and civilized Indians.

PROGRESS OF THE NATION.

Considerably more than four-fifths of the illiterate male population and a little more than one-fourth of the illiterate female population in 1890 were engaged in gainful occupations, as shown by the preceding table. The largest percentage of illiterate males at work was found among the foreign white and colored, 90.78 per cent of all the illiterate foreign white males and 87.94 per cent of all the illiterate colored males being at work. The illiterate colored females at work constituted 39.07 per cent of the whole number of illiterate colored females in 1890, this percentage being more than two and one-half times as large as that reported for any other class of the female population.

The proportion of illiterate males and females at work to the whole number of persons of each sex who were occupied is shown for each element of the population, as follows:

GENERAL NATIVITY AND COLOR.	MALES 10 YEARS OF AGE AND OVER ENGAGED IN GAINFUL OCCUPATIONS.			FEMALES 10 YEARS OF AGE AND OVER ENGAGED IN GAINFUL OCCUPATIONS.		
	Total.	Illiterates.		Total.	Illiterates.	
		Number.	Per cent.		Number.	Per cent.
Aggregate.....	18,821,090	2,588,765	13.75	8,914,571	852,306	21.77
Total white.....	16,603,147	1,278,077	7.70	2,939,041	218,758	7.44
Native white.....	12,273,541	783,408	6.42	2,163,890	130,530	6.03
Native parents.....	9,535,827	719,824	7.55	1,859,196	118,579	8.73
Foreign parents.....	2,737,714	68,644	2.51	804,094	11,057	1.40
Foreign white.....	4,329,600	439,609	11.31	775,151	88,222	11.38
Total colored (a).....	2,217,943	1,810,688	59.09	975,530	633,548	64.94
Persons of negro descent.....	2,101,379	1,264,462	60.17	971,785	630,970	64.93

a Persons of negro descent, Chinese, Japanese, and civilized Indians.

Of the whole number of males and females engaged in gainful occupations in 1890, 13.75 and 21.77 per cent, respectively, were returned as illiterate. As shown by the foregoing table, by far the larger proportion of these illiterates were colored, and for this class of the population the illiterate males constituted 59.09 per cent and the illiterate females 64.94 per cent of the whole number of persons of each sex at work.

The following table shows, by sex, the proportion of illiterates in each class of occupations in 1890:

CLASSES OF OCCUPATIONS.	MALES 10 YEARS OF AGE AND OVER ENGAGED IN GAINFUL OCCUPATIONS.			FEMALES 10 YEARS OF AGE AND OVER ENGAGED IN GAINFUL OCCUPATIONS.		
	Total.	Illiterates.		Total.	Illiterates.	
		Number.	Per cent.		Number.	Per cent.
All occupations.....	18,821,090	2,588,765	13.75	8,914,571	852,306	21.77
Agriculture, fisheries, and mining.....	8,333,813	1,706,463	20.48	679,523	385,932	56.79
Professional service.....	632,646	3,863	0.61	311,687	270	0.09
Domestic and personal service.....	2,692,879	508,859	18.90	1,667,698	412,708	24.75
Trade and transportation.....	3,097,701	142,944	4.61	228,421	3,955	1.73
Manufacturing and mechanical industries.....	4,064,051	226,636	5.58	1,027,242	49,381	4.81

Illiterate persons engaged in agriculture, fisheries, and mining constituted 20.48 per cent of all the males and 56.79 per cent of all the females so occupied. The next largest percentages of illiterate males and females were found in domestic and personal service, constituting, respectively, 18.90 and 24.75 per cent of all the males and females in this class of occupations. In each of the other classes the percentages of illiterates were relatively small, as shown by the table.

OCCUPATIONS.

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The number and percentage of illiterates of the total number of males and females engaged in principal occupations in 1890 are shown in the following table:

MALES.

PRINCIPAL OCCUPATIONS.	PERSONS 10 YEARS OF AGE AND OVER ENGAGED IN GAINFUL OCCUPATIONS.			PRINCIPAL OCCUPATIONS.	PERSONS 10 YEARS OF AGE AND OVER ENGAGED IN GAINFUL OCCUPATIONS.		
	Total.	Illiterates.			Total.	Illiterates.	
		Number.	Per cent.			Number.	Per cent.
Agricultural laborers.....	2,556,957	763,687	29.87	Apprentices.....	74,455	1,235	1.66
Farmers, planters, and overseers.....	5,055,130	814,099	16.10	Bakers.....	57,910	2,372	4.10
Gardeners, florists, nurserymen, and vine growers.....	70,180	7,551	10.76	Blacksmiths and wheelwrights.....	218,134	12,897	5.91
Lumbermen, raftsmen, and wood choppers.....	99,503	10,262	19.36	Boot and shoe makers and repairers.....	179,807	10,012	5.57
Stock raisers, herders, and drovers.....	70,047	10,397	14.84	Brick and tile makers and terra cotta workers...	60,070	12,878	21.44
Fishermen and oystermen.....	59,899	14,747	24.62	Builders and contractors.....	45,978	828	1.80
Miners and quarrymen.....	386,872	67,251	17.38	Butchers.....	195,339	3,422	3.25
Clergymen.....	87,060	878	1.00	Cabinet makers and upholsterers.....	50,809	1,493	2.45
Officials (government), etc. (a).....	77,715	647	0.83	Carpenters and joiners.....	611,293	23,592	3.86
Physicians and surgeons.....	100,248	295	0.29	Coopers.....	47,438	3,354	7.07
Barbers and hairdressers.....	82,157	4,182	5.09	Cotton, woolen, and other textile mill operatives..	213,901	27,614	12.91
Bartenders.....	55,660	1,132	2.03	Compositors and printers.....	104,899	307	0.29
Engineers and firemen (not locomotive).....	139,718	6,596	4.72	Harness, saddle, trunk, valise, leather-case and pocket-book makers.	48,105	730	1.53
Hotel and boarding and lodging house keepers...	50,556	1,287	2.55	Iron, steel, and other metal workers (d).....	359,777	10,952	5.55
Laborers (not specified).....	1,858,558	428,215	23.04	Leather curriers, dressers, finishers, and tanners.	39,040	2,700	6.89
Restaurant and saloon keepers.....	85,977	2,627	3.06	Machinists.....	176,051	2,436	1.38
Servants.....	238,152	45,885	19.27	Manufacturers and officials of manufacturing companies.	101,280	940	0.93
Watchmen, policemen, and detectives.....	74,850	3,078	4.14	Marble and stone cutters.....	61,012	8,100	5.18
Agents (claim, commission, etc.) and collectors...	169,707	538	0.32	Masons (brick and stone).....	158,878	10,784	6.70
Bankers, brokers, and officials of banks, etc. (b)...	69,191	483	0.70	Millers (flour and grist).....	52,747	2,571	4.87
Boatmen, cannalmen, pilots, and sailors.....	76,823	6,643	8.65	Painters, glaziers, and varnishers.....	218,646	4,787	2.17
Clerks, copyists, stenographers, and typewriters.	505,237	2,543	0.50	Plasterers.....	88,987	2,403	2.70
Commercial travelers.....	58,080	78	0.13	Plumbers and gas and steam fitters.....	50,563	591	1.04
Daymen, hackmen, teamsters, etc.....	368,265	38,899	10.51	Saw and planing mill employes, etc. (e).....	198,880	18,806	9.45
Hostlers and livery stable keepers.....	80,724	7,948	9.85	Tailors.....	121,591	12,001	9.94
Hucksters and peddlers.....	50,824	10,377	20.43	Tobacco and cigar factory operatives.....	83,634	6,928	8.28
Merchants and dealers.....	665,774	11,215	1.68	Wood workers (not otherwise specified).....	63,900	2,831	4.45
Messengers, packers, porters, etc.....	20,874	5,503	26.33				
Salesmen.....	205,943	861	0.42				
Steam railroad employes (c).....	460,771	54,679	11.87				

FEMALES.

Agricultural laborers.....	447,104	808,075	67.79	Bookkeepers, clerks, copyists, stenographers, and typewriters.	113,201	192	0.17
Farmers, planters, and overseers.....	226,427	81,333	35.92	Saleswomen.....	58,451	201	0.34
Musicians and teachers of music.....	34,519	77	0.22	Boot and shoe makers and repairers.....	33,677	282	0.84
Boarding and lodging house keepers.....	32,593	2,598	7.97	Cotton, woolen, and other textile mill operatives.	228,653	23,686	10.50
Housekeepers and stewardesses.....	86,089	13,323	15.48	Dressmakers.....	288,328	3,212	1.11
Laborers (not specified).....	54,815	34,509	62.96	Milliners, seamstresses, etc. (f).....	228,127	10,209	4.48
Laundresses.....	216,631	109,827	50.70	Tailoresses.....	63,809	3,576	5.60
Nurses and midwives.....	41,896	8,594	20.53	Tobacco and cigar factory operatives.....	27,991	4,014	14.34
Servants.....	1,216,639	247,291	20.33				

a Includes officers of United States army and navy.

b Brokers (commercial) not included.

c Includes locomotive engineers and firemen.

d Includes agricultural implement makers, brass workers, copper workers, iron and steel workers, lead and zinc workers, metal workers (not otherwise specified), molders, nail and tack makers, sewing machine makers, steam boiler makers, stove, furnace, and grate makers, tinners and tinware makers, and tool and cutlery makers.

e Includes door, sash, and blind makers.

f Includes sewing machine operators and shirt, collar, and cuff makers.

The largest percentage of illiterate males of all the occupations considered was that for agricultural laborers, constituting 29.87 per cent of all the males so occupied. The next largest percentages of illiterates were 24.62 for fishermen and oystermen, 23.04 for male laborers (not specified), 21.44 for male brick and tile makers and terra cotta workers, 19.36 for lumbermen, raftsmen, and wood choppers, 19.27 for male servants, 18.26 for male hucksters and peddlers, 17.38 for male miners and quarrymen, and 16.10 for male farmers, planters, and overseers.

Among the females, it is seen that in 1890 more than two-thirds of all the agricultural laborers and more than three-fifths of all the laborers (not specified) were illiterate. Of the laundresses, the illiterates constituted more than 50 per cent, and of the female farmers, planters, and overseers, nearly 36 per cent.

OCCUPATIONS BY INABILITY TO SPEAK ENGLISH.

The following table shows the number and percentage of males and females who can not speak English engaged in gainful occupations, classified by general nativity and color:

GENERAL NATIVITY AND COLOR.	MALES 10 YEARS OF AGE AND OVER WHO CAN NOT SPEAK ENGLISH.			FEMALES 10 YEARS OF AGE AND OVER WHO CAN NOT SPEAK ENGLISH.		
	Total.	Number and per cent engaged in gainful occupations.		Total.	Number and per cent engaged in gainful occupations.	
		Number.	Per cent.		Number.	Per cent.
Aggregate.....	858,889	765,152	89.09	859,607	110,094	13.51
Total white.....	773,029	685,879	88.73	836,040	111,056	13.28
Native white.....	106,533	74,472	69.91	131,492	11,163	8.49
Native parents.....	75,874	56,829	74.90	92,275	6,701	7.26
Foreign parents.....	30,659	17,643	57.55	39,217	4,462	11.38
Foreign white.....	666,496	611,407	91.73	704,548	99,893	14.18
Total colored (a).....	85,860	79,273	92.33	23,567	5,038	21.38

a Persons of negro descent, Chinese, Japanese, and civilized Indians.

From this table it appears that of the whole number of males 10 years of age and over who can not speak English, those engaged in gainful occupations in 1890 constituted 89.09 per cent, while of the whole number of females 10 years of age and over who can not speak English, 13.51 per cent were at work. The proportion of those unable to speak English at work among each element of the population is given in detail in the table, and need not be repeated.

Foreign white males and females who can not speak English engaged in gainful occupations in 1890 constituted 14.12 and 12.89 per cent, respectively, of all the foreign white males and females at work, as shown by the following table, which gives for each element of the population the proportion of persons of each sex at work who can not speak English:

GENERAL NATIVITY AND COLOR.	MALES 10 YEARS OF AGE AND OVER ENGAGED IN GAINFUL OCCUPATIONS.			FEMALES 10 YEARS OF AGE AND OVER ENGAGED IN GAINFUL OCCUPATIONS.		
	Total.	Can not speak English.		Total.	Can not speak English.	
		Number.	Per cent.		Number.	Per cent.
Aggregate.....	18,821,090	765,152	4.07	3,914,571	116,094	2.97
Total white.....	16,603,147	685,879	4.13	2,930,041	111,056	3.78
Native white.....	12,273,541	74,472	0.61	2,163,890	11,163	0.52
Native parents.....	9,535,827	56,829	0.60	1,359,196	6,701	0.49
Foreign parents.....	2,737,714	17,643	0.64	804,694	4,462	0.55
Foreign white.....	4,329,606	611,407	14.12	775,151	99,893	12.89
Total colored (a).....	2,217,943	79,273	3.57	975,530	5,038	0.52
Persons of negro descent.....	2,101,379	7,200	0.34	971,785	3,482	0.36

a Persons of negro descent, Chinese, Japanese, and civilized Indians.

OCCUPATIONS.

CXXXV

The number and percentage of males and females who can not speak English engaged in each class of occupations in 1890 were as follows:

CLASSES OF OCCUPATIONS.	MALES 10 YEARS OF AGE AND OVER ENGAGED IN GAINFUL OCCUPATIONS.			FEMALES 10 YEARS OF AGE AND OVER ENGAGED IN GAINFUL OCCUPATIONS.		
	Total.	Can not speak English.		Total.	Can not speak English.	
		Number.	Per cent.		Number.	Per cent.
All occupations.....	18,821,090	765,152	4.07	3,914,571	116,094	2.97
Agriculture, fisheries, and mining.....	8,333,813	271,164	3.25	679,523	12,304	1.81
Professional service.....	632,640	4,921	0.78	311,087	583	0.19
Domestic and personal service.....	2,692,879	230,118	8.55	1,667,698	58,758	3.52
Trade and transportation.....	3,097,701	58,282	1.88	228,421	2,125	0.93
Manufacturing and mechanical industries.....	4,064,051	200,717	4.94	1,027,242	42,324	4.12

Of the whole number of males in domestic and personal service in 1890, 8.55 per cent can not speak English, and of those in manufacturing and mechanical industries, 4.94 per cent can not speak English. There were also 3.25 per cent of all the males engaged in agriculture, fisheries, and mining in 1890 who can not speak English. The largest percentage of females who can not speak English was found in manufacturing and mechanical industries, or 4.12 per cent, and the next largest in domestic and personal service, or 3.52 per cent.

The following table shows, for each of the principal occupations, the number and percentage of males and females who can not speak English:

MALES.

PRINCIPAL OCCUPATIONS.	PERSONS 10 YEARS OF AGE AND OVER ENGAGED IN GAINFUL OCCUPATIONS.			PRINCIPAL OCCUPATIONS.	PERSONS 10 YEARS OF AGE AND OVER ENGAGED IN GAINFUL OCCUPATIONS.		
	Total.	Can not speak English.			Total.	Can not speak English.	
		Number.	Per cent.			Number.	Per cent.
Agricultural laborers.....	2,556,967	78,303	3.06	Steam railroad employes (c).....	460,771	22,870	4.96
Farmers, planters, and overseers.....	5,055,130	119,606	2.37	Telegraph and telephone operators.....	43,740	54	0.12
Gardeners, florists, nurserymen, and vinegrowers.....	70,186	4,099	5.84	Apprentices.....	74,455	1,243	1.67
Lumbermen, raftsmen, and wood choppers.....	99,593	6,069	6.10	Bakers.....	57,910	5,851	10.10
Stock raisers, herders, and drovers.....	70,047	12,112	17.29	Blacksmiths and wheelwrights.....	218,134	6,712	2.62
Fishermen and oystermen.....	59,899	2,353	3.93	Boot and shoe makers and repairers.....	179,867	11,280	6.27
Miners and quarrymen.....	380,872	47,144	12.19	Brick and tile makers and terra cotta workers.....	60,070	8,440	14.05
Clergymen.....	87,000	760	0.87	Builders and contractors.....	45,978	433	0.94
Lawyers.....	89,422	93	0.10	Butchers.....	105,330	4,248	4.03
Officials (government), etc. (a).....	77,715	260	0.35	Cabinet makers and upholsterers.....	59,809	8,555	5.94
Physicians and surgeons.....	100,248	457	0.46	Carpenters and joiners.....	611,293	17,249	2.82
Professors and teachers.....	101,278	597	0.59	Coopers.....	47,438	2,971	5.00
Barbers and hairdressers.....	82,157	2,970	3.63	Cotton, woolen, and other textile mill operatives.....	213,901	19,540	9.14
Bartenders.....	55,600	818	1.52	Compositors and printers.....	104,899	741	0.71
Engineers and firemen (not locomotive).....	139,713	1,482	1.06	Harness, saddle, trunk, valise, leather-case and pocket-book makers.....	48,105	1,002	2.21
Hotel and boarding and lodging house keepers.....	50,550	730	1.54	Iron, steel, and other metal workers (d).....	359,777	15,640	4.35
Laborers (not specified).....	1,858,558	193,560	10.41	Leather curriers, dressers, finishers, and tanners.....	39,040	2,908	7.45
Restaurant and saloon keepers.....	85,977	2,069	2.41	Machinists.....	176,951	3,267	1.85
Servants.....	238,152	12,668	5.32	Manufacturers and officials of manufacturing companies.....	101,280	1,130	1.12
Watchmen, policemen, and detectives.....	74,350	866	1.16	Marble and stone cutters.....	61,012	3,113	5.10
Agents (claim, commission, etc.) and collectors.....	169,707	631	0.37	Masons (brick and stone).....	158,878	7,972	5.02
Bankers, brokers, and officials of banks, etc. (b).....	69,191	273	0.39	Millers (flour and grist).....	52,747	804	1.52
Boatmen, canalmen, pilots, and sailors.....	76,823	860	1.12	Painters, glaziers, and varnishers.....	218,646	4,650	2.13
Bookkeepers and accountants.....	131,602	361	0.27	Plasterers.....	38,987	701	1.80
Clerks, copyists, stenographers, and typewriters.....	605,287	3,335	0.55	Plumbers and gas and steam fitters.....	50,563	304	0.54
Commercial travelers.....	58,080	90	0.15	Saw and planing mill employes, etc. (e).....	138,386	8,637	6.24
Draymen, hackmen, teamsters, etc.....	368,265	5,922	1.61	Tailors.....	121,591	24,093	19.82
Hostlers and livery stable keepers.....	80,724	1,216	1.51	Tobacco and cigar factory operatives.....	83,634	13,040	15.67
Hucksters and peddlers.....	56,824	7,895	13.89	Wood workers (not otherwise specified).....	63,600	3,182	5.00
Merchants and dealers.....	665,774	10,872	1.63				
Messengers, packers, porters, etc.....	80,874	1,436	1.68				
Salesmen.....	205,943	1,072	0.52				

a Includes officers of United States army and navy.

b Brokers (commercial) not included.

c Includes locomotive engineers and firemen.

d Includes agricultural implement makers, brass workers, copper workers, iron and steel workers, lead and zinc workers, metal workers (not otherwise specified), molders, nail and tack makers, sewing machine makers, steam boiler makers, stove, furnace, and grate makers, tanners and tinware makers, and tool and cutlery makers.

e Includes door, sash, and blind makers.

PROGRESS OF THE NATION.

FEMALES.

PRINCIPAL OCCUPATIONS.	PERSONS 10 YEARS OF AGE AND OVER ENGAGED IN GAINFUL OCCUPATIONS.			PRINCIPAL OCCUPATIONS.	PERSONS 10 YEARS OF AGE AND OVER ENGAGED IN GAINFUL OCCUPATIONS.		
	Total.	Can not speak English.			Total.	Can not speak English.	
		Number.	Per cent.			Number.	Per cent.
Agricultural laborers	447, 104	4, 511	1.01	Servants	1, 216, 639	45, 871	3.77
Farmers, planters, and overseers	226, 427	7, 231	3.19	Bookkeepers, clerks, copyists, stenographers, and typewriters.	113, 261	208	0.18
Professors and teachers	246, 066	349	0.14	Saleswomen	58, 451	211	0.36
Musicians and teachers of music	34, 519	96	0.28	Boot and shoe makers and repairers	33, 677	261	0.78
Boarding and lodging house keepers	32, 593	584	1.79	Cotton, woolen, and other textile mill operatives ..	223, 858	21, 828	9.54
Housekeepers and stewardesses	86, 080	3, 141	3.65	Dressmakers	288, 328	4, 008	1.39
Laborers (not specified)	54, 815	2, 193	4.00	Milliners, seamstresses, etc. (a)	228, 127	4, 959	2.17
Laundresses	216, 631	5, 343	2.47	Tailoresses	63, 809	5, 277	8.27
Nurses and midwives	41, 396	1, 132	2.73	Tobacco and cigar factory operatives	27, 991	3, 231	11.54

a Includes sewing machine operators and shirt, collar, and cuff makers.

So far as the occupations under consideration are concerned, the largest percentage of males who can not speak English was found among the tailors, 19.82 per cent of this class of male workers being reported in 1890 as unable to speak the English language. There was also a very considerable proportion of male stock raisers, herders, and drovers in 1890 who could not speak English, constituting 17.29 per cent of the whole number of males so occupied, and very nearly the same proportion, or 16.67 per cent, of male tobacco and cigar factory operatives. Males who could not speak English constituted 14.05 per cent of all the male brick and tile makers and terra cotta workers, 13.89 per cent of all the male hucksters and peddlers, 12.19 per cent of all the male miners and quarrymen, 10.41 per cent of all the male laborers (not specified), 10.10 per cent of all the male bakers, and 9.14 per cent of all the male cotton, woolen, and other textile mill operatives.

Of the occupations considered, the largest percentage of females who could not speak English was found among tobacco and cigar factory operatives, this element constituting 11.54 per cent of the whole number of females so occupied. The next largest percentages were 9.54 for female cotton, woolen, and other textile mill operatives, and 8.27 for tailoresses.

OCCUPATIONS BY MONTHS UNEMPLOYED.

This is the first time in the Federal Census that information of this character has been compiled and presented in connection with the statistics of occupations derived from answers made on the population schedule.

In using these figures it must be understood that they do not represent the number of persons who may have been unemployed at any one time, but simply the aggregate number of persons who were unemployed for different lengths of time and, to a very considerable extent, probably, at different times during the census year, covering the 12 months from June 1, 1889, to May 31, 1890.

It should be stated further that these figures only show the number and approximate length of time unemployed with regard to the principal occupation in which persons so reported were usually engaged and upon which they depended chiefly for a livelihood. They do not show, therefore, the actual length of time for which they were unemployed in any form of remunerative labor, that is, the net period, after making allowance for the time when not engaged at their principal or usual occupation, during which their services may have been utilized at some other kind of work. Although the census enumerators were fully instructed on this point, the returns were not considered complete enough to warrant their compilation.

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The following table shows the number and percentage of males and females who were unemployed at their principal occupation during any portion of the census year ending May 31, 1890, subdivided according to general nativity and color:

GENERAL NATIVITY AND COLOR.	MALES 10 YEARS OF AGE AND OVER ENGAGED IN GAINFUL OCCUPATIONS.			FEMALES 10 YEARS OF AGE AND OVER ENGAGED IN GAINFUL OCCUPATIONS.		
	Total.	Unemployed during portion of year. (a)		Total.	Unemployed during portion of year. (a)	
		Number.	Per cent.		Number.	Per cent.
Aggregate.....	18,821,090	3,013,117	16.01	3,914,571	510,613	13.04
Total white.....	10,603,147	2,621,318	15.76	2,939,041	353,734	12.14
Native white.....	12,273,541	1,817,854	15.05	2,163,890	287,623	13.29
Native parents.....	9,535,827	1,408,689	14.77	1,350,196	175,647	12.92
Foreign parents.....	2,737,714	439,165	16.04	804,694	111,978	13.92
Foreign white.....	4,329,600	773,464	17.86	775,151	69,109	8.92
Total colored (b).....	2,217,943	391,799	17.66	975,530	153,879	15.77
Persons of negro descent.....	2,101,879	374,608	17.83	971,785	153,540	15.80

a Unemployed at principal occupation during any portion of census year ending May 31, 1890.

b Persons of negro descent, Chinese, Japanese, and civilized Indians.

As shown by the above table, there were 3,013,117 males and 510,613 females 10 years of age and over who were unemployed at their principal occupation during some part of the census year ending May 31, 1890, constituting 16.01 and 13.04 per cent, respectively, of the whole number of males and females engaged in gainful occupations. The total number of persons who were unemployed at their principal occupation during any portion of the census year was 3,523,730, being 15.50 per cent of the total number of persons 10 years of age and over engaged in gainful occupations in 1890.

Considered with respect to general nativity and color, it is seen that the foreign white males had the largest proportion of their number unemployed and the foreign white females the smallest proportion.

The length of time unemployed during the census year, expressed in periods of months, is shown for each element of the population as follows:

GENERAL NATIVITY AND COLOR.	MALES UNEMPLOYED DURING PORTION OF YEAR. (a)						FEMALES UNEMPLOYED DURING PORTION OF YEAR. (a)					
	1 to 3 months.		4 to 6 months.		7 to 12 months.		1 to 3 months.		4 to 6 months.		7 to 12 months.	
	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.
Aggregate.....	1,553,750	51.57	1,179,426	39.14	279,932	9.29	265,106	51.92	188,992	37.01	56,515	11.07
Total white.....	1,319,911	50.35	1,045,630	39.89	255,777	9.76	181,803	50.91	127,766	35.81	47,365	13.28
Native white.....	944,736	51.13	729,024	39.45	174,094	9.42	143,193	49.78	105,837	36.80	38,595	13.43
Native parents.....	729,324	51.77	554,035	39.33	125,330	8.90	82,352	48.88	69,392	39.51	23,903	13.61
Foreign parents.....	215,412	49.05	174,989	39.85	48,764	11.10	60,841	54.83	36,445	32.55	14,692	13.12
Foreign white.....	375,175	48.51	316,006	40.93	81,683	10.56	38,410	55.58	21,929	31.73	8,770	12.69
Total colored (b).....	233,848	59.69	133,796	34.15	24,155	6.16	83,508	54.26	61,226	39.79	9,150	5.95
Persons of negro descent.....	226,627	60.49	125,969	33.62	22,072	5.89	83,388	54.31	61,077	39.78	9,081	5.91

a Unemployed at principal occupation during any portion of census year ending May 31, 1890.

b Persons of negro descent, Chinese, Japanese, and civilized Indians.

Of the whole number of males who were unemployed at their principal occupation during any portion of the census year, 51.57 per cent were unemployed from 1 to 3 months, 39.14 per cent from 4 to 6 months, and 9.29 per cent from 7 to 12 months, while for the females, those unemployed from 1 to 3 months constituted 51.92 per cent, those from 4 to 6 months 37.01 per cent, and those from 7 to 12 months 11.07 per cent of the whole number of females unemployed.

Assuming, for want of more exact data, that the average number of months unemployed for all the persons reported for each period would be the mean in each case, as two months for those unemployed from 1 to 3 months,

five months for those unemployed from 4 to 6 months, and nine and one-half months for those unemployed from 7 to 12 months, and reducing the number of persons unemployed for the different periods to an equivalent of so many persons for one year, the approximate number of persons unemployed during the entire census year was 1,139,672, representing 5.01 per cent of the total number of persons engaged in gainful occupations (22,735,661) at the census of 1890. Divided as to sex, the approximate number of males unemployed for the entire census year was 972,000, representing 5.16 per cent of all the males at work (18,821,090) at the census of 1890, while the approximate number of females unemployed during the same period was 167,672, representing 4.28 per cent of all the females at work (3,914,571) at the census of 1890.

The distribution of the males and females who were unemployed according to classes of occupations is given in the following table:

CLASSES OF OCCUPATIONS.	MALES 10 YEARS OF AGE AND OVER ENGAGED IN GAINFUL OCCUPATIONS.			FEMALES 10 YEARS OF AGE AND OVER ENGAGED IN GAINFUL OCCUPATIONS.		
	Total.	Unemployed during portion of year. (a)		Total.	Unemployed during portion of year. (a)	
		Number.	Per cent.		Number.	Per cent.
All occupations.....	18,821,090	3,013,117	16.01	3,914,571	510,013	12.04
Agriculture, fisheries, and mining.....	8,333,813	1,120,827	13.45	679,523	103,973	16.04
Professional service.....	632,640	54,654	8.64	311,687	87,920	28.21
Domestic and personal service.....	2,492,879	689,307	25.60	1,667,698	130,774	7.84
Trade and transportation.....	3,097,701	247,757	8.00	228,421	15,114	6.62
Manufacturing and mechanical industries.....	4,064,051	900,572	22.16	1,027,242	167,832	16.34

a Unemployed at principal occupation during any portion of census year ending May 31, 1890.

The largest proportion of males unemployed in any of the great classes of occupations is that for domestic and personal service, in which 25.60 per cent of the whole number of males so occupied were unemployed at their principal occupation during some part of the census year, and the next largest that for manufacturing and mechanical industries, or 22.16 per cent. For the females, the largest proportion was found in professional service, for which class those unemployed at principal occupation during any portion of the census year constituted 28.21 per cent of the whole number of females so occupied. The large proportion of females in this class who were unemployed is due to the great number of teachers who are not employed for the entire year in teaching school, especially in the rural sections of the country.

The following table shows for each class of occupations the length of time unemployed during the census year, expressed in periods of months:

CLASSES OF OCCUPATIONS.	MALES UNEMPLOYED DURING PORTION OF YEAR. (a)						FEMALES UNEMPLOYED DURING PORTION OF YEAR. (a)					
	1 to 3 months.		4 to 6 months.		7 to 12 months.		1 to 3 months.		4 to 6 months.		7 to 12 months.	
	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.
All occupations.....	1,553,750	51.57	1,179,426	39.14	279,932	9.29	265,106	51.92	188,992	37.01	56,515	11.07
Agriculture, fisheries, and mining.....	615,324	54.94	424,368	37.66	80,635	7.20	60,636	55.64	43,973	40.35	4,364	4.01
Professional service.....	23,800	43.66	23,097	42.20	7,748	14.18	41,514	47.22	32,594	37.07	13,812	15.71
Domestic and personal service.....	317,560	46.07	300,004	43.52	71,737	10.41	62,788	48.01	52,674	40.23	15,312	11.71
Trade and transportation.....	126,931	51.23	92,637	37.39	28,189	11.38	6,990	46.25	5,423	35.88	2,701	17.87
Manufacturing and mechanical industries...	469,629	52.15	339,320	37.68	91,023	10.17	93,178	55.52	54,328	32.37	20,320	12.11

a Unemployed at principal occupation during any portion of census year ending May 31, 1890.

The smallest proportion of males and females unemployed more than 6 months during the census year was found in each case in agriculture, fisheries, and mining, and the largest proportion of males in professional service and of females in trade and transportation. In this connection it should be stated that in some cases the census enumerators misinterpreted the instructions relative to persons unemployed, and reported persons as unemployed from 7 to 12 months where it was plainly evident that they really meant that they were employed the number of months stated in the schedule. This was especially true with respect to such occupations as farmers, physicians, lawyers, merchants, bankers, brokers, and the like, where nonemployment for such periods of months would be the exception and not the rule. In all cases where this was clearly apparent the error was eliminated,

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so far as possible, but in those cases where this point could not be fully determined the number and proportion of persons unemployed from 7 to 12 months are undoubtedly somewhat in excess of the fact. In a word, the statistics of occupations with respect to persons unemployed are approximately but not absolutely true, and this should be always borne in mind by those using the figures contained in the tables relating to this subject.

Considering the unemployed according to the number and percentage in each of the principal occupations, the following table is obtained:

MALES.

PRINCIPAL OCCUPATIONS.	PERSONS 10 YEARS OF AGE AND OVER ENGAGED IN GAINFUL OCCUPATIONS.			PRINCIPAL OCCUPATIONS.	PERSONS 10 YEARS OF AGE AND OVER ENGAGED IN GAINFUL OCCUPATIONS.		
	Total.	Unemployed during portion of year. (a)			Total.	Unemployed during portion of year. (a)	
		Number.	Per cent.			Number.	Per cent.
Agricultural laborers.....	2,556,957	525,278	20.54	Steam railroad employes (d).....	460,771	59,819	12.98
Farmers, planters, and overseers.....	5,055,130	834,666	6.02	Telegraph and telephone operators.....	43,740	2,918	6.07
Gardeners, florists, nurserymen, and vine growers.....	70,186	9,306	13.20	Apprentices.....	74,455	10,070	14.34
Lumbermen, raftsmen, and wood choppers.....	99,503	29,936	30.09	Bakers.....	57,910	4,073	8.07
Stock raisers, herders, and drovers.....	70,047	8,113	11.58	Blacksmiths and wheelwrights.....	218,134	26,413	12.11
Fishermen and oystermen.....	59,899	24,178	40.36	Boot and shoe makers and repairers.....	179,887	45,407	25.28
Miners and quarrymen.....	886,872	185,193	47.87	Brick and tile makers and terra cotta workers.....	60,070	26,219	43.65
Clergymen.....	87,060	1,861	2.14	Builders and contractors.....	45,978	5,069	11.02
Lawyers.....	89,422	1,635	1.83	Butchers.....	105,339	8,658	7.65
Officials (government), etc. (b).....	77,715	3,595	4.63	Cabinet makers and upholsterers.....	59,899	8,547	14.29
Physicians and surgeons.....	100,248	1,427	1.42	Carpenters and joiners.....	611,293	194,867	31.88
Professors and teachers.....	101,278	31,217	30.82	Coopers.....	47,438	12,504	26.30
Barbers and hairdressers.....	82,157	4,591	5.59	Cotton, woolen, and other textile mill operatives.....	213,901	41,570	19.43
Bartenders.....	55,060	4,966	8.32	Compositors and printers.....	104,890	10,083	9.61
Engineers and firemen (not locomotive).....	139,718	20,804	14.89	Harness, saddle, trunk, valise, leather-case, and pocket-book makers.....	48,105	5,183	10.77
Hotel and boarding and lodging house keepers.....	50,556	1,308	2.59	Iron, steel, and other metal workers (e).....	359,777	79,597	22.12
Laborers (not specified).....	1,558,558	620,784	33.40	Leather curriers, dressers, finishers, and tanners.....	39,010	7,937	20.33
Restaurant and saloon keepers.....	85,977	2,176	2.53	Machinists.....	176,951	19,131	10.81
Servants.....	238,152	23,220	9.75	Manufacturers and officials of manufacturing companies.....	101,280	4,214	4.16
Watchmen, policemen, and detectives.....	74,350	4,127	5.55	Marble and stone cutters.....	61,012	18,471	30.27
Agents (claim, commission, etc.) and collectors.....	109,707	8,076	4.76	Masons (brick and stone).....	158,878	68,355	43.02
Bankers, brokers, and officials of banks, etc. (c).....	69,191	1,869	2.70	Millers (flour and grain).....	52,747	5,887	11.16
Boatmen, canalmen, pilots, and sailors.....	76,823	22,148	28.83	Painters, glaziers, and varnishers.....	218,646	68,170	31.18
Bookkeepers and accountants.....	131,602	6,589	5.01	Plasterers.....	38,987	15,728	42.91
Clerks, copyists, stenographers, and typewriters.....	505,287	25,430	5.03	Plumbers and gas and steam fitters.....	50,563	7,615	13.46
Commercial travelers.....	58,080	3,180	5.40	Saw and planing mill employes, etc. (f).....	138,288	43,902	31.72
Draymen, hackmen, teamsters, etc.....	368,265	58,645	15.92	Tailors.....	121,591	17,700	14.56
Hostlers and livery stable keepers.....	80,724	6,424	7.96	Tobacco and cigar factory operatives.....	83,634	17,970	21.50
Hooksters and peddlers.....	56,824	5,963	10.49	Wood workers (not otherwise specified).....	63,000	11,363	17.86
Merchants and dealers.....	665,774	22,495	3.38				
Messengers, packers, porters, etc.....	90,874	11,004	12.11				
Salesmen.....	205,948	11,534	5.60				

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Agricultural laborers	447,164	100,243	22.42	Bookkeepers, clerks, copyists, stenographers, and typewriters	113,281	7,393	6.53
Farmers, planters, and overseers	226,427	8,134	3.59	Saleswomen	58,451	3,760	6.45
Professors and teachers	246,060	81,419	33.09	Boot and shoe makers and repairers	83,677	12,246	30.80
Musicians and teachers of music	34,519	3,045	11.43	Cotton, woolen, and other textile mill operatives	223,058	43,800	19.59
Boarding and lodging house keepers	82,503	273	0.34	Dressmakers	288,328	81,063	11.09
Housekeepers and stewardesses	86,069	3,105	3.61	Milliners, seamstresses, etc. (g)	228,127	30,775	13.49
Laborers (not specified)	54,815	12,381	22.59	Tailoresses	63,809	10,558	16.55
Laundresses	216,631	21,778	10.05	Tobacco and cigar factory operatives	27,891	7,695	27.17
Nurses and midwives	41,398	7,604	18.37				
Servants	1,216,639	84,742	6.97				

a Unemployed at principal occupation during any portion of census year ending May 31, 1890.

b Includes officers of United States army and navy.

c Brokers (commercial) not included.

d Includes locomotive engineers and firemen.

e Includes agricultural implement makers, brass workers, copper workers, iron and steel workers, lead and zinc workers, metal workers (not otherwise specified), molders, nail and tack makers, sewing machine makers, steam boiler makers, stove, furnace, and grate makers, tanners and tinware makers, and tool and outlay makers.

f Includes door, sash, and blind makers.

g Includes sewing machine operators and shirt, collar, and cuff makers.

The number of male miners and quarrymen who were unemployed at that occupation during any portion of the census year ending May 31, 1890, constituted very nearly one-half, or 47.87 per cent, of all the male miners and quarrymen. This proportion of unemployed males was nearly equaled in three other occupations, namely, brick and tile makers and terra cotta workers, masons (brick and stone), and plasterers, those unemployed for a part of the year constituting in each case more than two-fifths of all the males so occupied, while of fishermen and oystermen those unemployed more or less during the year constituted fully two-fifths. A third of all the male laborers (not specified) and fully three-tenths of all the males engaged in six other occupations were unemployed during some portion of the census year, these six occupations being carpenters and joiners; saw and planing mill employes, etc.; painters, glaziers, and varnishers; professors and teachers; marble and stone cutters, and lumbermen, raftsmen, and wood choppers. Of boatmen, canalmen, pilots, and sailors there were 28.83 per cent, of male coopers 26.36 per cent, and of male boot and shoe makers and repairers 25.28 per cent unemployed for a part of the time during the census year, while of the male iron, steel, and other metal workers the unemployed element during the same period constituted 22.12 per cent, of male tobacco and cigar factory operatives 21.50 per cent, of male agricultural laborers 20.54 per cent, of male leather curriers, dressers, finishers, and tanners 20.33 per cent, and of male cotton, woolen, and other textile mill operatives 19.43 per cent.

The largest percentage of females who were unemployed during any portion of the census year, of all the occupations considered in the preceding table, was that reported for female boot and shoe makers and repairers, the unemployed constituting 36.36 per cent of the whole number so occupied. There was one other occupation, namely, professors and teachers, in which the females unemployed for a part of the year constituted very nearly one-third of the whole number. Female tobacco and cigar factory operatives had more than one-fourth of their number unemployed during some part of the census year, while of the female laborers (not specified) and female agricultural laborers considerably more than two-fifths, and of cotton, woolen, and other textile mill operatives very nearly two-fifths, were so unemployed.

It will be noticed that the occupations for which the number unemployed for a part of the time constituted the largest percentages of all the occupations considered are those which are either carried on to a considerable extent out of doors and for that reason wholly or partially suspended during the inclement seasons of the year, or from their nature are what may be considered "periodical" employments. It should be borne in mind, however, that it does not follow that the number of persons reported as unemployed in any or all of the occupations stated were necessarily unemployed at their respective occupations at the same time, nor can it be assumed that they were in reality idle during the period of unemployment at their principal occupation. As has been previously stated, an attempt was made to secure fairly accurate data concerning not only the extent of nonemployment at the occupation upon which each person depended chiefly for a livelihood, but also as to the period of actual nonemployment at any form of remunerative labor. The information secured relative to the latter point was not sufficiently complete to admit of its compilation, and the tabulations with respect to the unemployed were limited, therefore, to the principal or usual occupation of each person at work during the census year.

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The relative lengths of time, expressed in periods of months, for which persons engaged in each of the occupations just considered were unemployed are given in detail in the following table:

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PRINCIPAL OCCUPATIONS.	PERSONS UNEMPLOYED DURING PORTION OF YEAR. (a)						
	Total.	1 to 3 months.		4 to 6 months.		7 to 12 months.	
		Number.	Per cent.	Number.	Per cent.	Number.	Per cent.
Agricultural laborers.....	525,278	286,598	54.56	202,434	38.54	36,240	6.90
Farmers, planters, and overseers.....	334,666	215,774	64.47	99,755	29.81	19,137	5.72
Gardeners, florists, nurserymen, and vine growers.....	9,366	3,167	34.03	4,903	52.69	1,236	13.28
Lumbermen, raftsmen, and wood choppers.....	29,936	17,250	57.62	10,589	35.37	2,097	7.01
Stock raisers, herders, and drovers.....	8,113	3,632	44.77	3,591	44.26	890	10.97
Fishermen and oystermen.....	24,178	10,875	44.98	11,644	48.16	1,659	6.86
Miners and quarrymen.....	185,193	76,116	41.10	90,015	48.01	19,062	10.29
Clergymen.....	1,861	731	39.28	810	43.52	320	17.20
Lawyers.....	1,635	686	41.96	633	38.71	316	19.33
Officials (government), etc. (b).....	3,505	1,384	38.50	1,670	46.45	541	15.05
Physicians and surgeons.....	1,427	607	42.54	571	40.01	249	17.45
Professors and teachers.....	31,217	14,011	44.88	13,059	41.83	4,147	13.29
Barbers and hairdressers.....	4,501	2,269	49.42	1,684	36.68	638	13.90
Bartenders.....	4,966	2,410	48.53	1,815	36.55	741	14.92
Engineers and firemen (not locomotive).....	20,804	10,667	51.28	7,848	37.72	2,289	11.09
Hotel and boarding and lodging house keepers.....	1,308	539	41.21	490	37.46	279	21.33
Laborers (not specified).....	620,794	282,892	45.57	274,570	44.23	63,332	10.20
Restaurant and saloon keepers.....	2,176	965	44.35	864	39.70	347	15.95
Servants.....	23,220	12,413	53.46	8,229	35.44	2,578	11.10
Watchmen, policemen, and detectives.....	4,127	2,043	49.50	1,568	38.00	516	12.50
Agents (claim, commission, real estate, insurance, etc.) and collectors.....	8,076	3,529	43.70	3,535	43.77	1,012	12.63
Bankers, brokers, and officials of banks, etc. (c).....	1,860	836	44.73	765	40.93	268	14.84
Boatmen, canalmen, pilots, and sailors.....	22,148	8,329	37.61	11,820	53.37	1,999	9.02
Bookkeepers and accountants.....	6,589	3,138	47.63	2,369	35.95	1,082	16.42
Clerks, copyists, stenographers, and typewriters.....	25,430	12,545	49.33	9,297	36.56	3,588	14.11
Commercial travelers.....	3,130	1,616	51.53	1,172	37.37	348	11.10
Draymen, hackmen, teamsters, etc.....	58,645	31,551	53.80	21,772	37.13	5,322	9.07
Hostlers and livery stable keepers.....	6,424	3,231	50.30	2,389	37.19	804	12.51
Hucksters and peddlers.....	5,963	2,643	44.32	2,617	43.89	703	11.79
Merchants and dealers.....	22,495	11,477	51.02	7,990	35.55	3,022	13.43
Messengers, packers, porters, etc.....	11,004	4,988	45.33	3,866	35.13	2,150	19.54
Salesmen.....	11,534	5,867	50.87	4,133	35.83	1,534	13.30
Steam railroad employes (d).....	59,819	35,270	58.96	18,971	31.71	5,578	9.33
Telegraph and telephone operators.....	2,918	1,393	47.74	1,042	35.71	483	16.55
Apprentices.....	10,679	4,880	45.70	3,864	36.18	1,935	18.12
Bakers.....	4,071	2,400	59.07	1,541	37.60	670	16.34
Blacksmiths and wheelwrights.....	26,413	13,903	52.80	9,155	34.66	3,295	12.48
Boot and shoe makers and repairers.....	45,467	27,887	61.33	13,306	29.27	4,274	9.40
Brick and tile makers and terra cotta workers.....	20,219	9,204	35.11	15,187	57.92	1,828	6.97
Builders and contractors.....	5,069	2,664	52.55	1,843	36.36	562	11.09
Butchers.....	8,058	3,979	49.38	3,030	37.60	1,049	13.02
Cabinet makers and upholsterers.....	8,547	4,024	47.08	2,001	23.43	1,022	11.96
Carpenters and joiners.....	194,867	98,521	50.56	76,900	39.46	19,446	9.98
Coopers.....	12,504	5,914	47.30	5,187	41.48	1,403	11.22
Cotton, woolen, and other textile mill operatives.....	41,570	25,270	60.79	11,807	28.40	4,493	10.81
Harness, saddle, trunk, valise, leather-case, and pocket-book makers.....	5,183	2,683	51.76	1,758	33.92	742	14.32
Iron, steel, and other metal workers (e).....	79,597	47,244	59.35	24,596	30.90	7,757	9.75
Leather curriers, dressers, finishers, and tanners.....	7,937	5,058	63.73	2,053	25.87	826	10.40
Machinists.....	10,121	11,789	61.39	5,202	27.21	2,180	11.40
Manufacturers and officials of manufacturing companies.....	4,214	1,928	45.75	1,771	42.03	515	12.22
Marble and stone cutters.....	18,471	9,741	52.74	7,165	38.79	1,565	8.47
Masons (brick and stone).....	68,855	27,824	40.71	33,463	48.95	7,068	10.34
Millers (flour and grist).....	5,887	3,052	51.84	2,096	35.61	789	12.55
Painters, glaziers, and varnishers.....	68,170	32,550	47.75	29,180	42.80	6,440	9.45
Plasterers.....	16,728	6,849	40.94	8,205	49.41	1,614	9.65
Plumbers and gas and steam fitters.....	7,615	4,255	55.88	2,531	33.24	829	10.88
Printers and compositors.....	10,088	5,248	52.05	3,484	34.55	1,351	13.40
Saw and planing mill employes, etc. (f).....	43,902	21,836	49.74	18,894	43.04	3,172	7.22
Tailors.....	17,700	9,636	54.44	6,308	35.64	1,756	9.92
Tobacco and cigar factory operatives.....	17,979	9,813	54.58	6,544	36.40	1,622	9.02
Wood workers (not otherwise specified).....	11,362	6,989	61.51	3,228	28.41	1,145	10.08

a Unemployed at principal occupation during any portion of census year ending May 31, 1890.

b Includes officers of United States army and navy.

c Brokers (commercial) not included.

d Includes locomotive engineers and firemen.

e Includes agricultural implement makers, brass workers, copper workers, iron and steel workers, lead and zinc workers, metal workers (not otherwise specified), molders, nail and tack makers, sewing machine makers, steam boiler makers, stove, furnace, and grate makers, tanners and tinware makers, and tool and cutlery makers.

f Includes door, sash, and blind makers.

FEMALES.

PRINCIPAL OCCUPATIONS.	PERSONS UNEMPLOYED DURING PORTION OF YEAR. (a)						
	Total.	1 to 3 months.		4 to 6 months.		7 to 12 months.	
		Number.	Per cent.	Number.	Per cent.	Number.	Per cent.
Agricultural laborers.....	100,243	55,706	55.57	40,692	40.59	3,845	3.84
Farmers, planters, and overseers.....	8,134	4,687	57.62	2,993	36.80	454	5.58
Professors and teachers.....	81,419	33,766	41.61	29,801	36.73	12,752	15.66
Musicians and teachers of music.....	3,945	1,593	40.38	1,705	43.22	647	16.40
Boarding and lodging house keepers.....	273	91	33.33	122	44.60	60	21.68
Housekeepers and stewardesses.....	3,195	1,456	45.59	1,137	35.62	512	16.40
Laborers (not specified).....	12,381	5,884	47.52	5,520	44.59	977	7.89
Laundresses.....	21,778	10,760	49.41	8,796	40.39	2,232	10.29
Nurses and midwives.....	7,664	2,781	36.31	3,399	44.70	1,421	18.69
Servants.....	84,742	41,422	48.88	33,364	39.37	9,956	11.75
Bookkeepers, clerks, copyists, stenographers, and typewriters.....	7,393	3,221	43.52	2,695	36.45	1,377	18.63
Saleswomen.....	3,769	1,831	49.91	1,267	34.41	591	15.63
Boot and shoe makers and repairers.....	12,246	8,057	65.79	3,141	25.65	1,048	8.56
Cotton, woolen, and other textile mill operatives.....	48,609	28,083	57.78	10,060	24.40	5,036	11.50
Dressmakers.....	31,963	15,257	47.73	12,256	38.47	4,411	13.80
Milliners, seamstresses, etc. (b).....	30,775	14,188	46.10	12,503	40.63	4,084	13.27
Tailoresses.....	10,658	6,039	57.20	3,388	32.09	1,181	10.71
Tobacco and cigar factory operatives.....	7,005	4,172	59.56	2,807	39.91	626	8.23

a Unemployed at principal occupation during any portion of census year ending May 31, 1890.
b Includes sewing machine operators and shirt, collar, and cuff makers.

The extent of the nonemployment, measured by periods of months, in each of the occupations having the largest percentages of unemployed, as shown by the table on page cxxxix, is summarized as follows:

SEX AND PRINCIPAL OCCUPATIONS.	PER CENT OF PERSONS UNEMPLOYED DURING PORTION OF YEAR. (a)		
	1 to 3 months.	4 to 6 months.	7 to 12 months.
MALES.			
Miners and quarrymen.....	41.10	48.61	10.29
Brick and tile makers and terra cotta workers.....	35.11	57.62	6.97
Masons (brick and stone).....	40.71	48.95	10.34
Plasterers.....	40.94	49.41	9.65
Fishermen and oystermen.....	44.98	48.16	6.86
Laborers (not specified).....	45.57	44.23	10.20
Carpenters and joiners.....	50.56	39.46	9.98
Saw and planing mill employes, etc.....	49.74	43.04	7.22
Painters, glaziers, and varnishers.....	47.75	42.80	9.45
Professors and teachers.....	44.63	41.83	13.29
Marble and stone cutters.....	52.74	33.79	8.47
Lumbermen, raftsmen, and wood choppers.....	57.62	25.27	7.01
Boatmen, canalmen, pilots, and sailors.....	37.61	53.37	9.02
Coopers.....	47.30	41.43	11.23
Boot and shoe makers and repairers.....	61.33	29.27	9.40
Iron, steel, and other metal workers.....	60.27	36.30	3.43
Tobacco and cigar factory operatives.....	54.58	36.40	9.02
Agricultural laborers.....	54.50	32.54	6.90
Leather carriers, dressers, finishers, and tanners.....	63.73	25.67	10.40
Cotton, woolen, and other textile mill operatives.....	60.79	28.40	10.81
FEMALES.			
Boot and shoe makers and repairers.....	65.79	25.65	8.56
Professors and teachers.....	47.61	36.73	15.66
Tobacco and cigar factory operatives.....	54.26	36.91	8.23
Laborers (not specified).....	47.52	44.59	7.89
Agricultural laborers.....	55.57	40.59	3.84
Cotton, woolen, and other textile mill operatives.....	64.10	24.40	11.50

a Unemployed at principal occupation during any portion of census year ending May 31, 1890.

It will be noticed that the largest percentage of nonemployment for more than 6 months of the census year is given for professors and teachers, both male and female, although, generally speaking, it does not exceed 10 per cent, and in many cases is considerably less. The largest percentage of persons who were unemployed from 4 to 6 months was that for male brick and tile makers and terra cotta workers, and the second largest that for boatmen, canalmen, pilots, and sailors, constituting for each occupation more than one-half of all the males who were unemployed.

OCCUPATIONS OF FOREIGN BORN PERSONS 10 YEARS OF AGE AND OVER ACCORDING TO COUNTRY OF BIRTH.

Of the 22,735,661 persons 10 years of age and over engaged in gainful occupations in 1890, 17,517,736, or 77.05 per cent, were native born, and 5,217,925, or 22.95 per cent, were foreign born. In 1880 the foreign born persons at work numbered 3,494,647, and constituted 20.09 per cent of all persons 10 years of age and over at work.

The whole number of foreign born persons 10 years of age and over was not ascertained by the tabulations of the censuses of 1880 and 1890, so that no direct comparisons can be made as to the relative proportions of this element at work at each census. The only comparison that can be made is with respect to the whole number of such persons, including children less than 10 years of age. On this basis, the foreign born persons at work constituted 56.41 per cent of the whole number of foreign born in 1890 and 52.32 per cent of the whole number in 1880. Contrasted with similar percentages of the native born population in 1880 and 1890, these percentages show a very greatly increased proportion of the foreign born at work at each census, partly due to the very much larger number, relatively, of adults among this element of the population. Native born persons at work constituted 32.82 per cent of the total native born population in 1890 and 31.97 per cent in 1880. Taking each element of the population in 1890, the following percentages of those at work of the whole number, irrespective of age, in each case are obtained: native whites of native parentage, 31.71; native whites of foreign parentage, 30.79; foreign white, 55.96; native colored, 41.01; foreign colored, 88.63. The abnormal proportion of foreign colored at work is due, of course, to the Chinese, who are mainly adults and largely occupied.

At each of the two censuses considered, the occupations of the foreign born were tabulated according to the number born in certain specified countries. The results of the two censuses, so far as the number and percentage of persons of each nationality who were at work are concerned, are given in the following table:

PRINCIPAL COUNTRIES OF BIRTH.	FOREIGN BORN POPULATION IN 1890.			FOREIGN BORN POPULATION IN 1880.		
	Total.	Number and per cent engaged in gainful occupations.		Total.	Number and per cent engaged in gainful occupations.	
		Number.	Per cent.		Number.	Per cent.
Aggregate.....	9,249,547	5,217,925	56.41	6,679,943	3,494,647	52.32
Germany	2,784,894	1,501,003	53.90	1,966,742	1,033,190	52.53
Ireland	1,871,509	1,005,651	56.94	1,854,571	978,854	52.78
Great Britain.....	1,251,402	694,245	55.48	916,114	466,505	50.92
England and Wales.....	1,009,171	557,306	55.22			
Scotland	242,231	136,939	56.53			
British America.....	980,938	532,008	54.23	717,157	351,103	48.96
Canada (English).....	678,442	361,211	53.24			
Canada (French).....	302,496	170,797	56.46			
Sweden and Norway.....	800,708	431,198	60.91	376,066	205,525	54.65
Other countries.....	1,560,098	943,760	60.49	849,293	450,470	54.10
Denmark	132,543	79,161	59.72			
France.....	113,174	68,172	60.24			
Italy.....	182,580	120,228	65.85			
Russia.....	132,644	101,391	55.51			
Bohemia.....	118,106	60,398	51.14			
Hungary.....	62,435	40,690	65.17			
All other countries	768,616	473,720	61.63			

Of the various nationalities considered in 1890, the Italians and Hungarians had the largest proportion at work, constituting in each case very nearly two-thirds of the whole number, while the smallest proportion was that for the Bohemians, being in this case but little more than one-half of the whole number. Comparing the results for those nationalities specified at both censuses, it is noticed that there was in every instance a somewhat larger proportion at work in 1890 than in 1880, and that with the single exception of the Germans the proportion was from 4 to 6 per cent larger.

PROGRESS OF THE NATION.

Considering the whole number of persons engaged in gainful occupations in 1880 and 1890 according to the number of native and foreign born in each class of occupations, the following table is obtained:

SEX AND CLASSES OF OCCUPATIONS.	PERSONS 10 YEARS OF AGE AND OVER ENGAGED IN EACH CLASS OF OCCUPATIONS IN 1890.			PERSONS 10 YEARS OF AGE AND OVER ENGAGED IN EACH CLASS OF OCCUPATIONS IN 1880.		
	Total.	Native born.	Foreign born.	Total.	Native born.	Foreign born.
Both sexes.....	22,735,661	17,517,736	5,217,925	17,392,099	13,897,452	3,494,647
Agriculture, fisheries, and mining	9,012,336	7,684,244	1,329,092	8,004,624	7,032,960	971,664
Professional service	944,333	828,823	115,510	603,202	530,026	73,176
Domestic and personal service.....	4,860,577	2,922,497	1,438,080	3,503,443	2,536,349	967,094
Trade and transportation	3,326,122	2,601,775	724,347	1,806,481	1,426,835	439,646
Manufacturing and mechanical industries.....	5,091,293	3,480,397	1,610,896	3,414,349	2,371,282	1,043,067
Males.....	18,821,090	14,382,792	4,438,298	14,744,942	11,639,488	3,045,454
Agriculture, fisheries, and mining	8,333,813	7,038,805	1,295,008	7,409,970	6,445,234	964,736
Professional service.....	632,646	536,937	95,709	425,947	364,300	61,647
Domestic and personal service.....	2,632,879	1,717,722	975,157	2,321,937	1,626,592	695,345
Trade and transportation	3,097,701	2,408,588	689,113	1,803,629	1,379,482	424,147
Manufacturing and mechanical industries.....	4,064,051	2,680,740	1,383,311	2,783,459	1,883,880	899,579
Females	3,914,571	3,134,944	779,627	2,647,157	2,197,964	449,193
Agriculture, fisheries, and mining	679,523	645,439	34,084	504,654	587,726	6,928
Professional service	311,687	291,886	19,801	177,255	165,726	11,529
Domestic and personal service.....	1,667,698	1,204,775	462,923	1,181,506	909,757	271,749
Trade and transportation	228,421	193,187	35,234	62,852	47,353	15,499
Manufacturing and mechanical industries.....	1,027,242	799,657	227,585	680,890	487,402	143,488

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The percentages of native and foreign born persons engaged in gainful occupations and in each class of occupations in 1880 and 1890, respectively, were as follows:

SEX AND CLASSES OF OCCUPATIONS.	PER CENT OF NATIVE AND FOREIGN BORN PERSONS 10 YEARS OF AGE AND OVER ENGAGED IN GAINFUL OCCUPATIONS AND IN EACH CLASS OF OCCUPATIONS.			
	1890		1880	
	Native born.	Foreign born.	Native born.	Foreign born.
Both sexes.....	77.05	22.05	79.01	20.09
Agriculture, fisheries, and mining.....	85.25	14.75	87.86	12.14
Professional service.....	87.77	12.23	87.87	12.13
Domestic and personal service.....	67.02	32.98	72.40	27.60
Trade and transportation.....	78.22	21.78	76.45	23.55
Manufacturing and mechanical industries.....	68.86	31.64	69.45	30.55
Males.....	76.42	23.58	79.35	20.65
Agriculture, fisheries, and mining.....	84.40	15.60	86.98	13.02
Professional service.....	84.87	15.13	85.63	14.37
Domestic and personal service.....	63.79	36.21	70.05	29.95
Trade and transportation.....	77.75	22.25	76.48	23.52
Manufacturing and mechanical industries.....	65.96	34.04	67.68	32.32
Females.....	80.08	19.92	83.03	16.97
Agriculture, fisheries, and mining.....	94.98	5.02	98.83	1.17
Professional service.....	93.65	6.35	93.50	6.50
Domestic and personal service.....	72.24	27.76	77.00	23.00
Trade and transportation.....	84.57	15.43	75.84	24.16
Manufacturing and mechanical industries.....	77.84	22.16	77.26	22.74

Taking the results shown for 1890, we find that very nearly one-third, or 32.98 per cent, of all the persons engaged in domestic and personal service were foreign born, that the percentage of foreign born in manufacturing and mechanical industries was very nearly as large, or 31.64 per cent, and that in each of these two classes of occupations the foreign born males constituted more than a third of all the males so occupied.

Comparing the percentages of foreign born in each class of occupations at each census, it is seen that, with the exception of trade and transportation, there was a larger percentage in each class in 1890 than in 1880, and that the largest increase in the percentage of foreign born is that for domestic and personal service. The percentage of foreign born females in trade and transportation has decreased from 24.66 in 1880 to 15.43 in 1890, and there has also been a very slight decrease in the percentage of foreign born females in manufacturing and mechanical industries in 1890, as compared with 1880.

The following table shows the total number of foreign born persons, and those of each sex separately, who were engaged in gainful occupations and in each class of occupations in 1880 and 1890, distributed according to principal countries of birth:

SEX AND PRINCIPAL COUNTRIES OF BIRTH.	1890						1880					
	All occupations.	Agriculture, fisheries, and mining.	Professional service.	Domestic and personal service.	Trade and transportation.	Manufacturing and mechanical industries.	All occupations.	Agriculture, fisheries, and mining.	Professional service.	Domestic and personal service.	Trade and transportation.	Manufacturing and mechanical industries.
Total foreign born	5,217,925	1,329,092	115,510	1,438,080	724,347	1,610,896	3,494,647	971,664	73,176	967,094	439,646	1,043,067
Germany.....	1,501,063	412,878	31,552	835,799	208,529	512,305	1,033,190	806,487	22,298	217,200	136,484	350,712
Ireland	1,065,651	165,235	17,019	452,302	161,740	269,340	978,854	170,990	15,555	409,357	136,920	240,632
Great Britain	694,245	195,777	25,114	114,333	101,743	257,278	460,505	154,911	13,876	72,145	57,822	168,251
England and Wales.....	557,306	160,292	20,727	91,968	80,976	202,343	.....	.....	.....	.....	.....	.....
Scotland	136,939	35,485	4,387	22,365	20,767	53,935	.....	.....	.....	.....	.....	.....
British America.....	532,008	117,311	17,433	107,884	76,377	213,003	351,103	89,786	8,041	84,276	33,494	135,506
Canada (English)	361,211	93,620	15,409	78,970	61,465	113,648	.....	.....	.....	.....	.....	.....
Canada (French)	170,797	23,682	1,034	30,914	14,912	99,355	.....	.....	.....	.....	.....	.....
Sweden and Norway	481,198	182,519	5,065	133,213	44,950	112,851	205,525	99,615	2,081	51,592	15,038	36,269
Other countries	943,760	255,372	18,727	292,540	130,090	246,113	459,470	149,875	11,325	132,515	59,488	100,207
Denmark.....	79,161	31,664	1,127	19,408	9,094	17,868	.....	.....	.....	.....	.....	.....
France	68,172	18,585	3,515	15,808	9,508	20,638	.....	.....	.....	.....	.....	.....
Italy	120,238	19,302	2,492	49,844	25,440	23,150	.....	.....	.....	.....	.....	.....
Russia	101,391	24,321	1,509	13,893	22,040	37,028	.....	.....	.....	.....	.....	.....
Bohemia	60,398	19,555	593	13,355	4,418	22,472	.....	.....	.....	.....	.....	.....
Hungary.....	40,099	8,849	395	15,052	4,988	11,406	.....	.....	.....	.....	.....	.....
All other countries	473,720	132,096	9,091	163,129	54,553	113,551	.....	.....	.....	.....	.....	.....
Foreign born males	4,438,238	1,295,068	95,709	975,157	680,113	1,383,311	3,045,454	964,736	61,047	695,345	424,147	899,579
Germany.....	1,337,553	400,198	27,929	236,582	198,704	474,140	954,759	303,969	19,985	169,014	132,085	328,896
Ireland	804,594	158,055	13,453	284,900	153,120	214,806	776,279	169,068	12,557	205,600	131,002	197,899
Great Britain	605,401	191,561	20,905	77,206	95,836	210,893	417,200	154,272	11,744	50,940	55,353	144,831
England and Wales.....	487,279	156,996	17,198	63,289	76,239	173,557	.....	.....	.....	.....	.....	.....
Scotland	118,122	34,565	3,707	13,917	19,597	46,336	.....	.....	.....	.....	.....	.....
British America.....	430,297	115,153	12,570	72,211	71,380	158,983	288,767	89,417	5,723	60,364	32,519	100,744
Canada (English)	297,916	91,786	11,216	45,463	67,123	92,328	.....	.....	.....	.....	.....	.....
Canada (French)	132,381	23,367	1,354	26,748	14,257	66,655	.....	.....	.....	.....	.....	.....
Sweden and Norway	405,587	179,076	4,910	74,832	43,438	102,871	182,059	98,983	1,832	32,415	15,789	33,040
Other countries	855,066	250,965	15,942	240,316	120,225	212,618	426,390	148,427	9,806	110,052	57,899	94,706
Denmark.....	70,408	31,270	981	12,093	8,862	16,593	.....	.....	.....	.....	.....	.....
France	59,255	18,083	2,614	11,091	9,022	17,845	.....	.....	.....	.....	.....	.....
Italy	114,133	19,062	2,347	48,075	24,563	20,081	.....	.....	.....	.....	.....	.....
Russia	89,728	24,054	1,416	12,031	21,822	30,465	.....	.....	.....	.....	.....	.....
Bohemia	51,271	18,960	553	9,502	4,095	18,161	.....	.....	.....	.....	.....	.....
Hungary.....	36,501	8,808	366	12,621	4,795	9,911	.....	.....	.....	.....	.....	.....
All other countries.....	433,710	130,719	7,665	142,703	53,061	99,562	.....	.....	.....	.....	.....	.....
Foreign born females	779,627	84,084	19,801	462,923	35,234	227,585	449,193	6,928	11,529	271,749	15,499	143,488
Germany.....	163,510	12,680	3,623	99,217	9,825	38,165	78,431	2,518	2,313	47,295	4,399	31,904
Ireland	261,257	7,180	3,566	187,342	8,029	54,540	202,575	1,322	2,998	143,697	5,918	48,610
Great Britain	88,844	4,216	4,209	37,127	5,907	37,385	49,305	639	2,132	21,205	1,969	23,360
England and Wales.....	70,027	3,296	3,529	28,679	4,737	29,786	.....	.....	.....	.....	.....	.....
Scotland	18,817	920	680	8,448	1,170	7,590	.....	.....	.....	.....	.....	.....
British America.....	104,711	2,158	4,863	35,673	4,997	54,020	62,330	369	2,318	23,012	975	34,763
Canada (English).....	63,295	1,343	4,283	31,507	4,342	21,320	.....	.....	.....	.....	.....	.....
Canada (French)	38,416	315	580	4,166	655	32,700	.....	.....	.....	.....	.....	.....
Sweden and Norway	75,011	3,443	755	60,331	1,102	9,980	23,466	632	249	19,177	149	3,259
Other countries	88,694	4,407	2,785	43,233	4,774	33,495	33,080	1,448	1,519	16,463	2,089	11,561
Denmark.....	8,753	385	146	6,715	232	1,275	.....	.....	.....	.....	.....	.....
France	8,917	502	901	4,177	544	2,793	.....	.....	.....	.....	.....	.....
Italy	9,095	240	145	1,769	873	3,069	.....	.....	.....	.....	.....	.....
Russia	11,603	267	93	3,862	818	6,503	.....	.....	.....	.....	.....	.....
Bohemia	9,127	595	45	3,853	323	4,311	.....	.....	.....	.....	.....	.....
Hungary.....	4,189	41	29	2,431	193	1,495
All other countries	40,010	2,377	1,428	20,426	1,792	13,939

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The percentage of persons born in each specified country of total foreign born persons engaged in gainful occupations and in each class of occupations in 1880 and 1890 is shown, in the aggregate and for each sex separately, in the following table:

SEX AND PRINCIPAL COUNTRIES OF BIRTH.	1890						1880					
	All occupations.	Agriculture, fisheries, and mining.	Professional service.	Domestic and personal service.	Trade and transportation.	Manufacturing and mechanical industries.	All occupations.	Agriculture, fisheries, and mining.	Professional service.	Domestic and personal service.	Trade and transportation.	Manufacturing and mechanical industries.
	Per cent. 100.00	Per cent. 100.00	Per cent. 100.00	Per cent. 100.00	Per cent. 100.00	Per cent. 100.00	Per cent. 100.00	Per cent. 100.00	Per cent. 100.00	Per cent. 100.00	Per cent. 100.00	Per cent. 100.00
Total foreign born	28.77	31.07	27.32	23.35	28.79	31.80	29.56	31.54	30.47	22.46	31.04	33.02
Germany.....	20.42	12.43	14.73	31.45	22.33	16.72	28.01	17.60	21.26	42.33	31.14	23.59
Ireland.....	13.30	14.73	21.74	7.95	14.05	15.97	13.35	15.94	18.90	7.46	13.04	16.13
Great Britain	10.08	12.06	17.94	6.39	11.18	12.32						
England and Wales.....	2.62	2.67	3.80	1.56	2.87	3.35						
Scotland	10.20	8.83	15.09	7.50	10.54	13.22	10.05	9.24	10.99	8.71	7.02	12.99
British America.....	6.92	7.05	13.42	5.35	8.48	7.05						
Canada (English)	3.28	1.78	1.67	2.15	2.06	6.17						
Canada (French).....	9.22	13.73	4.91	9.40	6.21	7.01	5.88	10.25	2.84	5.34	3.03	3.48
Sweden and Norway.....	18.09	19.21	16.21	26.35	18.08	15.28	13.15	15.43	15.48	13.70	13.53	10.19
Other countries	1.52	2.38	0.97	1.35	1.25	1.11						
Denmark	1.31	1.40	3.04	1.10	1.32	1.28						
France.....	2.30	1.45	2.16	3.47	3.51	1.44						
Italy.....	1.94	1.83	1.31	1.11	3.13	2.30						
Russia.....	1.16	1.47	0.52	0.93	0.61	1.39						
Bohemia.....	0.78	0.67	0.34	1.05	0.09	0.71						
Hungary.....	0.08	10.01	7.87	11.34	7.57	7.05						
All other countries.....												
Foreign born males	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Germany.....	30.14	30.90	29.18	24.26	28.83	34.27	31.35	31.51	32.42	24.44	31.14	30.65
Ireland.....	18.12	12.21	14.06	27.17	22.22	15.53	25.40	17.59	20.97	38.20	30.89	21.94
Great Britain	13.64	14.79	21.84	7.92	13.91	15.90	13.70	15.99	19.05	7.83	13.05	16.11
England and Wales.....	10.98	12.12	17.97	6.40	11.06	12.55						
Scotland	2.06	2.67	3.87	1.43	2.85	3.35						
British America.....	9.69	8.89	13.13	7.40	10.36	11.49	9.48	9.27	9.28	8.68	7.67	11.20
Canada (English)	6.71	7.09	11.72	4.06	8.29	6.07						
Canada (French).....	2.93	1.80	1.41	2.74	2.07	4.82						
Sweden and Norway.....	9.14	13.83	5.13	7.08	6.30	7.44	5.98	10.26	2.97	4.66	3.72	3.67
Other countries	13.27	19.38	16.66	25.57	18.32	15.37	14.00	15.38	15.91	16.09	13.53	10.53
Denmark	1.59	2.42	1.08	1.30	1.29	1.20						
France.....	1.34	1.40	2.73	1.20	1.31	1.29						
Italy.....	2.57	1.47	2.45	4.03	3.56	1.45						
Russia.....	2.02	1.86	1.48	1.23	3.17	2.20						
Bohemia.....	1.16	1.40	0.58	0.98	0.59	1.31						
Hungary.....	0.82	0.68	0.38	1.30	0.70	0.72						
All other countries.....	9.77	10.09	8.01	14.63	7.70	7.20						
Foreign born females	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Germany.....	20.97	37.20	18.30	21.43	27.88	16.77	17.46	36.95	20.06	17.40	28.33	15.27
Ireland.....	33.51	21.07	18.01	40.47	24.49	23.96	45.10	19.08	20.00	52.87	38.18	33.90
Great Britain	11.39	12.37	21.26	8.02	16.77	16.43	10.98	9.22	18.49	7.83	12.71	10.23
England and Wales.....	8.98	9.67	17.82	6.20	13.45	13.09						
Scotland	2.41	2.70	3.44	1.82	3.32	3.34						
British America.....	13.05	6.93	24.56	7.71	14.18	23.74	13.88	5.33	20.11	8.80	6.29	24.23
Canada (English)	8.12	5.41	21.63	6.81	12.32	9.37						
Canada (French).....	4.03	0.92	2.93	0.90	1.86	14.37						
Sweden and Norway.....	9.70	10.10	3.81	13.03	3.13	4.38	5.22	9.12	2.16	7.05	0.96	2.27
Other countries	11.88	12.93	14.06	9.34	13.55	14.72	7.86	20.90	13.18	6.05	13.48	8.06
Denmark	1.12	1.13	0.74	1.45	0.66	0.56						
France.....	1.15	1.47	4.55	0.99	1.54	1.23						
Italy.....	0.78	0.71	0.73	0.38	2.47	1.35						
Russia.....	1.40	0.78	0.47	0.84	2.32	2.88						
Bohemia.....	1.17	1.75	0.23	0.83	0.92	1.89						
Hungary.....	0.54	0.12	0.14	0.53	0.55	0.66						
All other countries.....	5.13	6.97	7.20	4.41	5.09	6.15						

The percentages showing the distribution of all persons engaged in gainful occupations according to principal countries of birth, as given in the preceding table, do not differ particularly from those showing the proportion of persons of each nationality among the entire foreign born element at each census. The figures show, however, very marked differences in the proportion of each nationality in the several classes of occupations, when the percentage in any one class is considered relative to that stated for one or more of the other classes of occupations. Perhaps the most noticeable instance of this kind is the relative proportions of persons born in Ireland who were engaged in each class of occupations; that is to say, persons of this nationality constituted in 1890 more than three-tenths of all the foreign born persons engaged in domestic and personal service (31.45 per cent), as compared with only about one-eighth (12.43 per cent) of those in agriculture, fisheries, and mining, somewhat more than one-seventh (14.73 per cent) of those in professional service, and one-sixth (16.72 per cent) of those in manufacturing and mechanical industries. If this same element of the foreign born is considered by sex, it will be seen that females born in Ireland engaged in domestic and personal service in 1890 constituted two-fifths (40.47 per cent) of all the foreign born females in that class of occupations, while the males of Irish birth constituted but a little more than one-fourth (27.17 per cent) of all the foreign born males engaged in domestic and personal service at that census. The proportion of males of this nationality in each of the other classes of occupations named does not vary much from those already stated for all persons of Irish birth, without regard to sex, but the proportion of females of the same nationality is considerably larger in each of the other classes of occupations, especially in trade and transportation and in manufacturing and mechanical industries. The large percentage of persons born in Great Britain engaged in professional service in 1890, as compared with the percentage of persons of the same nationality shown for each of the other classes of occupations, is also noticeable, and this is true to a very considerable extent of persons born in British America of English extraction. The largest proportion of persons born in Sweden and Norway in any one class is that for agriculture, fisheries, and mining, while of the French Canadian element the largest proportion is found in manufacturing and mechanical industries when compared with the proportion of each element engaged in each of the other classes of occupations.

Taking the native and foreign born elements of the population engaged in gainful occupations in 1880 and 1890, and distributing them according to the percentage in each class of occupations, respectively, the following table of percentages is obtained:

SEX AND NATIVE AND FOREIGN BORN.	1890					1880				
	Agriculture, fisheries, and mining.	Professional service.	Domestic and personal service.	Trade and transportation.	Manufacturing and mechanical industries.	Agriculture, fisheries, and mining.	Professional service.	Domestic and personal service.	Trade and transportation.	Manufacturing and mechanical industries.
Both sexes.....	Per cent. 39.65	Per cent. 4.15	Per cent. 19.18	Per cent. 14.63	Per cent. 22.39	Per cent. 40.03	Per cent. 3.47	Per cent. 20.14	Per cent. 10.73	Per cent. 19.63
Native born	43.87	4.73	16.68	14.85	19.87	50.61	3.81	18.25	10.27	17.06
Foreign born	25.47	2.22	27.56	13.88	30.87	27.81	2.09	27.67	12.58	20.85
Males.....	44.28	3.36	14.31	16.46	21.59	50.25	2.89	15.75	12.23	18.88
Native born	48.94	3.73	11.94	16.75	18.64	55.09	3.12	13.90	11.79	16.10
Foreign born	29.18	2.15	21.97	15.53	31.17	31.68	2.02	22.83	13.93	29.54
Females	17.36	7.06	42.00	5.84	26.24	22.46	6.70	44.63	2.38	23.83
Native born.....	20.59	9.31	38.43	6.16	25.51	26.74	7.54	41.30	2.15	22.18
Foreign born	4.87	2.54	59.88	4.52	29.19	1.54	2.57	60.50	3.45	31.94

As shown by the preceding table, there was relatively a much larger percentage of native born persons in agriculture, fisheries, and mining than of foreign born persons at each census, and a much smaller proportion of native born persons in domestic and personal service and in manufacturing and mechanical industries. There was also a somewhat larger proportion of native born persons in professional service, especially with respect to females, considered relatively, while for those in trade and transportation the percentage of native born persons was slightly larger than that of foreign born persons in 1890 and slightly smaller in 1880.

The following table shows the distribution of foreign born persons of each of the specified nationalities engaged in gainful occupations in 1880 and 1890, according to the percentage in each class of occupations:

SEX AND PRINCIPAL COUNTRIES OF BIRTH.	1890					1880				
	Agriculture, fisheries, and mining.	Professional service.	Domestic and personal service.	Trade and transportation.	Manufacturing and mechanical industries.	Agriculture, fisheries, and mining.	Professional service.	Domestic and personal service.	Trade and transportation.	Manufacturing and mechanical industries.
	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.
Total foreign born	25.47	2.22	27.56	13.88	30.87	27.91	2.09	27.67	12.58	29.85
Germany.....	27.50	2.12	22.37	13.80	34.12	29.66	2.16	21.02	13.21	33.95
Ireland.....	15.51	1.60	42.44	15.18	25.27	17.47	1.59	41.82	13.99	25.13
Great Britain	28.20	8.62	16.47	14.65	37.06	33.21	2.97	15.46	12.29	36.07
England and Wales	28.76	8.72	16.50	14.53	36.49					
Scotland.....	25.01	3.29	16.33	15.17	39.39					
British America.....	22.05	3.28	20.28	14.85	40.04	25.57	2.29	21.00	9.54	38.60
Canada (English)	25.92	4.29	21.31	17.02	31.46					
Canada (French)	13.87	1.13	13.10	8.73	58.17					
Sweden and Norway	37.93	1.13	25.10	9.94	23.45	48.47	1.01	25.10	7.73	17.06
Other countries	27.06	1.98	31.00	13.88	26.08	32.62	2.47	28.84	12.94	23.13
Denmark.....	40.00	1.42	24.52	11.49	22.57					
France.....	27.26	5.16	23.28	14.03	30.27					
Italy.....	16.05	2.07	41.46	21.16	19.26					
Russia.....	23.99	1.49	15.67	22.33	36.52					
Bohemia.....	32.38	0.99	22.11	7.31	37.21					
Hungary.....	21.75	0.97	36.99	12.23	28.03					
All other countries.....	28.10	1.92	34.43	11.53	23.97					
Foreign born males	29.18	2.15	21.97	15.53	31.17	31.68	2.02	22.83	13.93	29.54
Germany.....	29.92	2.09	17.69	14.85	35.45	31.84	2.09	17.89	13.83	34.44
Ireland.....	19.65	1.67	32.94	19.04	26.70	21.86	1.62	34.22	16.87	25.43
Great Britain	31.64	3.46	12.75	15.33	36.32	36.98	2.81	12.21	13.27	34.73
England and Wales	32.22	3.53	12.99	15.64	35.02					
Scotland.....	29.20	3.14	11.73	16.69	39.23					
British America.....	26.76	2.92	16.78	16.59	36.95	30.97	1.98	20.00	11.26	34.89
Canada (English)	30.81	3.77	15.26	19.17	30.99					
Canada (French)	17.65	1.02	20.21	10.77	50.35					
Sweden and Norway	44.15	1.21	18.46	10.81	25.37	54.37	1.01	17.80	8.67	18.15
Other countries	29.35	1.86	29.10	14.76	24.87	34.81	2.30	27.21	13.47	22.21
Denmark.....	44.42	1.39	18.03	12.60	23.57					
France.....	30.52	4.41	19.73	15.23	30.11					
Italy.....	16.70	2.00	42.12	21.53	17.59					
Russia.....	26.79	1.58	13.40	24.30	33.93					
Bohemia.....	36.98	1.08	18.53	7.99	35.42					
Hungary.....	24.13	1.00	34.58	13.14	27.15					
All other countries.....	30.14	1.77	32.90	12.23	22.96					
Foreign born females.....	4.37	2.54	59.38	4.52	29.19	1.54	2.57	60.50	3.45	31.94
Germany.....	7.75	2.22	60.08	6.01	23.34	3.21	2.95	60.30	5.01	27.93
Ireland.....	2.75	1.36	71.71	3.30	20.38	0.65	1.43	70.04	2.92	24.01
Great Britain	4.74	4.74	41.79	6.65	42.08	1.30	4.32	43.01	3.99	47.35
England and Wales	4.71	5.04	40.95	6.70	42.54					
Scotland.....	4.89	3.61	44.90	6.22	40.38					
British America.....	2.12	4.73	35.07	4.92	53.11	0.59	3.72	38.36	1.56	55.77
Canada (English)	2.91	6.77	49.78	6.86	33.69					
Canada (French)	0.82	1.51	10.34	1.71	85.12					
Sweden and Norway	4.55	1.00	79.79	1.46	13.20	2.60	1.06	81.72	0.64	13.89
Other countries	4.37	3.14	48.74	5.38	37.77	4.38	4.59	49.77	6.31	34.95
Denmark.....	4.40	1.67	78.72	2.65	14.56					
France.....	5.63	10.11	46.84	6.10	31.32					
Italy.....	3.94	2.38	29.02	14.31	50.35					
Russia.....	2.30	0.80	33.29	7.05	50.56					
Bohemia.....	6.52	0.49	42.22	3.54	47.23					
Hungary.....	0.98	0.69	58.03	4.61	35.60					
All other countries.....	5.94	3.57	51.05	4.48	34.96					

Of all the nationalities considered, the largest proportion engaged in agriculture, fisheries, and mining in 1890 was that for Denmark, being two-fifths of the whole number of persons of that nationality engaged in gainful occupations. Very nearly two-fifths, or 37.93 per cent, of all of the natives of Sweden and Norway at work were engaged in agriculture, fisheries, and mining, and very nearly one-third of all those of Bohemian birth. The French Canadian element, on the other hand, had the smallest proportion of those at work in 1890 engaged in agriculture, fisheries, and mining, but had by far the largest proportion in manufacturing and mechanical industries. More than two-fifths of all those of Irish and Italian birth at work in 1890 were engaged in domestic and personal service, while of the natives of Great Britain the largest proportion of those at work in 1890 was found in manufacturing and mechanical industries.

For the foreign born males of each nationality there are no very marked differences in the percentages of distribution by classes of occupations from those stated for the whole element of each nationality without regard to sex, but for the females of foreign birth the concentration in one or more classes of occupations is very pronounced, especially with respect to natives of Germany, Ireland, Canada (French), Sweden and Norway, and Denmark. Three-fifths of all the females of German birth, seven-tenths of all the females of Irish birth, very nearly four-fifths of all the females of Swedish or Norwegian birth, and more than three-fourths of all the females of Danish birth who were at work in 1890 were found in domestic and personal service, while of those of French Canadian birth at work in 1890, considerably more than four-fifths were in manufacturing and mechanical industries.

Comparing the results for each nationality in 1890 with those for 1880, without regard to sex, it is seen that there has been uniformly a decrease in the percentage engaged in agriculture, fisheries, and mining, this decrease being more than 10 per cent in the case of natives of Sweden and Norway, and 5 per cent in the case of natives of Great Britain and of "Other countries". There has been in each instance an increase in the proportion engaged in trade and transportation and in manufacturing and mechanical industries, and also, with the exception of those born in British America, in domestic and personal service. The changes in the percentages in professional service are very slight, being small increases in all but two instances, namely, for natives of Germany and of "Other countries".

In the following statement the total number of persons of each sex engaged in principal occupations in 1890 is distributed by number and percentage according to country of birth:

MALES.

COUNTRY OF BIRTH AND PRINCIPAL OCCUPATIONS.	Number.	Per cent.	COUNTRY OF BIRTH AND PRINCIPAL OCCUPATIONS.	Number.	Per cent.
Germany.....	1,337,660	100.00	Germany—Continued.		
Farmers, planters, and overseers.....	232,739	21.14	Brick and tile makers and terra cotta workers.....	6,262	0.47
Laborers (not specified).....	154,884	11.58	Leather carriers, dressers, finishers, and tanners.....	6,178	0.46
Agricultural laborers.....	78,868	5.90	Harness, saddle, trunk, valise, leather-case, and pocket-book makers.....	6,110	0.46
Merchants and dealers.....	73,308	5.48	Bookkeepers and accountants.....	6,000	0.45
Carpenters and joiners.....	50,501	3.78	Other occupations.....	104,881	12.32
Tailors.....	36,351	2.72			
Iron, steel, and other metal workers (a).....	35,714	2.67	Ireland.....	804,899	100.00
Boot and shoe makers and repairers.....	27,973	2.09	Laborers (not specified).....	202,425	25.16
Draymen, hackmen, teamsters, etc.....	25,025	1.87	Farmers, planters, and overseers.....	93,353	11.60
Butchers.....	24,402	1.82	Steam railroad employes (b).....	86,431	4.53
Bakers.....	23,529	1.76	Iron, steel, and other metal workers (a).....	32,404	4.04
Blacksmiths and wheelwrights.....	21,233	1.59	Draymen, hackmen, teamsters, etc.....	23,093	3.57
Clerks, copyists, stenographers, and typewriters.....	20,031	1.56	Miners and quarrymen.....	27,918	3.47
Restaurant and saloon keepers.....	20,729	1.55	Merchants and dealers.....	20,660	3.31
Steam railroad employes (b).....	20,395	1.52	Agricultural laborers.....	25,023	3.11
Miners and quarrymen.....	19,232	1.44	Cotton, woolen, and other textile mill operatives.....	18,446	2.29
Masons (brick and stone).....	19,043	1.42	Carpenters and joiners.....	16,126	2.01
Painters, glaziers, and varnishers.....	18,862	1.41	Masons (brick and stone).....	14,540	1.81
Machinists.....	16,441	1.23	Servants.....	14,416	1.79
Cabinet makers and upholsterers.....	16,114	1.20	Blacksmiths and wheelwrights.....	13,020	1.73
Servants.....	15,048	1.12	Boot and shoe makers and repairers.....	13,307	1.65
Cotton, woolen, and other textile mill operatives.....	14,708	1.10	Clerks, copyists, stenographers, and typewriters.....	12,875	1.60
Tobacco and cigar factory operatives.....	14,316	1.07	Watchmen, policemen, and detectives.....	12,471	1.55
Brewers and maltsters.....	13,174	0.99	Engineers and firemen (not locomotive).....	11,045	1.37
Gardeners, florists, nurserymen, etc.....	11,435	0.85	Machinists.....	8,203	1.02
Barbers and hairdressers.....	10,999	0.82	Restaurant and saloon keepers.....	7,767	0.97
Salesmen.....	10,943	0.82	Marble and stone cutters.....	7,572	0.94
Manufacturers and officials of manufacturing companies.....	10,733	0.80	Hostlers and livery stable keepers.....	7,429	0.92
Saw and planing mill employes, etc. (c).....	10,166	0.76	Gardeners, florists, nurserymen, and vine growers.....	7,067	0.88
Wood workers (not otherwise specified).....	9,483	0.71	Painters, glaziers, and varnishers.....	6,944	0.86
Agents (claim, commission, real estate, insurance, etc.) and collectors.....	8,908	0.67	Leather carriers, dressers, finishers, and tanners.....	6,208	0.77
Bartenders.....	8,511	0.64	Foremen and overseers.....	5,993	0.75
Coopers.....	8,408	0.63	Tailors.....	5,778	0.72
Engineers and firemen (not locomotive).....	7,994	0.60	Salesmen.....	5,253	0.65
Hucksters and peddlers.....	7,109	0.53			

a Includes agricultural implement makers, brass workers, copper workers, iron and steel workers, lead and zinc workers, metal workers (not otherwise specified), molders, nail and tack makers, sewing machine makers, steam boiler makers, stove, furnace, and grate makers, tanners and tinware makers, and tool and cutlery makers.

b Includes locomotive engineers and firemen.

c Includes door, sash, and blind makers.

OCCUPATIONS.

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MALES—Continued.

COUNTRY OF BIRTH AND PRINCIPAL OCCUPATIONS.	Number.	Per cent.	COUNTRY OF BIRTH AND PRINCIPAL OCCUPATIONS.	Number.	Per cent.
Ireland—Continued.			Scotland.	118,171	100.00
Street railway employes.....	5,004	0.62	Farmers, planters, and overseers.....	16,110	13.64
Agents (claim, commission, real estate, insurance, etc.) and collectors.....	4,988	0.62	Miners and quarrymen.....	11,794	9.98
Bartenders.....	4,938	0.01	Laborers (not specified).....	7,814	6.61
Messengers, packers, porters, etc.....	4,451	0.55	Carpenters and joiners.....	6,109	5.17
Plumbers and gas and steam fitters.....	4,222	0.53	Iron, steel, and other metal workers (b).....	4,704	3.98
Builders and contractors.....	4,156	0.52	Cotton, woolen, and other textile mill operatives.....	4,433	3.75
Boatmen, canalmen, pilots, and sailors.....	4,096	0.51	Machinists.....	4,105	3.43
Officials (government), etc. (a).....	3,797	0.47	Merchants and dealers.....	4,104	3.47
Brick and tilemakers and terra cotta workers.....	3,375	0.42	Marble and stone cutters.....	3,754	3.18
Plasterers.....	3,143	0.39	Agricultural laborers.....	3,707	3.14
Other occupations.....	94,106	11.80	Clerks, copyists, stenographers, and typewriters.....	3,248	2.75
England and Wales.....	487,445	100.00	Blacksmiths and wheelwrights.....	2,654	2.25
Farmers, planters, and overseers.....	72,262	14.82	Steam railroad employes (c).....	2,342	1.98
Miners and quarrymen.....	39,896	8.19	Masons (brick and stone).....	2,280	1.94
Laborers (not specified).....	38,404	7.47	Engineers and firemen (not locomotive).....	2,158	1.83
Iron, steel, and other metal workers (b).....	23,283	4.78	Painters, glaziers, and varnishers.....	1,694	1.43
Cotton, woolen, and other textile mill operatives.....	23,187	4.76	Draymen, hackmen, teamsters, etc.....	1,536	1.30
Agricultural laborers.....	19,071	3.71	Bookkeepers and accountants.....	1,534	1.30
Merchants and dealers.....	17,606	3.61	Salesmen.....	1,474	1.25
Carpenters and joiners.....	17,025	3.49	Gardeners, florists, nurserymen, and vine growers.....	1,432	1.21
Machinists.....	12,969	2.67	Agents (claim, commission, real estate, insurance, etc.) and collectors.....	1,255	1.06
Clerks, copyists, stenographers, and typewriters.....	11,969	2.46	Servants.....	1,233	1.06
Steam railroad employes (c).....	9,115	1.87	Plumbers and gas and steam fitters.....	1,124	0.93
Masons (brick and stone).....	8,895	1.82	Tailors.....	1,067	0.90
Painters, glaziers, and varnishers.....	8,481	1.74	Manufacturers and officials of manufacturing companies.....	1,042	0.88
Blacksmiths and wheelwrights.....	8,357	1.71	Boot and shoe makers and repairers.....	1,031	0.87
Engineers and firemen (not locomotive).....	8,070	1.66	Printers and compositors.....	999	0.82
Draymen, hackmen, teamsters, etc.....	7,048	1.45	Bakers.....	944	0.80
Servants.....	6,381	1.31	Boatmen, canalmen, pilots, and sailors.....	837	0.71
Agents (claim, commission, real estate, insurance, etc.) and collectors.....	5,669	1.16	Bankers, brokers, and officials of banks, etc. (d).....	827	0.70
Boot and shoe makers and repairers.....	5,524	1.13	Stock raisers, herders, and drovers.....	804	0.68
Bookkeepers and accountants.....	4,771	0.98	Builders and contractors.....	689	0.58
Gardeners, florists, nurserymen, and vine growers.....	4,726	0.97	Watchmen, policemen, and detectives.....	667	0.57
Manufacturers and officials of manufacturing companies.....	4,633	0.95	Plasterers.....	629	0.53
Salesmen.....	4,606	0.94	Clergymen.....	607	0.51
Marble and stone cutters.....	4,029	0.83	Bleachers, dyers, and scourers.....	592	0.50
Tailors.....	3,755	0.77	Ship and boat builders.....	531	0.44
Clergymen.....	3,480	0.71	Engineers (civil, mechanical, electrical, and mining) and surveyors.....	513	0.44
Printers and compositors.....	3,356	0.69	Officials (government), etc. (a).....	508	0.43
Butchers.....	3,309	0.68	Other occupations.....	15,275	12.93
Bankers, brokers, and officials of banks, etc. (d).....	2,757	0.57	Canada (English).....	297,988	100.00
Plumbers and gas and steam fitters.....	2,481	0.51	Farmers, planters, and overseers.....	54,797	18.39
Watchmen, policemen, and detectives.....	2,470	0.51	Laborers (not specified).....	29,877	10.03
Restaurant and saloon keepers.....	2,410	0.49	Carpenters and joiners.....	22,668	7.61
Boatmen, canalmen, pilots, and sailors.....	2,380	0.48	Agricultural laborers.....	19,124	6.42
Builders and contractors.....	2,144	0.44	Merchants and dealers.....	10,168	3.39
Engineers (civil, mechanical, electrical, and mining) and surveyors.....	2,066	0.42	Lumbermen, raftsmen, and wood choppers.....	8,983	3.01
Stock raisers, herders, and drovers.....	2,044	0.42	Draymen, hackmen, teamsters, etc.....	8,911	2.99
Messengers, packers, porters, etc.....	1,879	0.39	Steam railroad employes (c).....	3,161	2.74
Plasterers.....	1,818	0.37	Clerks, copyists, stenographers, and typewriters.....	7,824	2.63
Glass workers.....	1,778	0.36	Blacksmiths and wheelwrights.....	7,019	2.36
Officials (government), etc. (a).....	1,760	0.36	Iron, steel, and other metal workers (b).....	5,921	1.99
Hatters and livery stable keepers.....	1,743	0.36	Saw and planing mill employes, etc. (e).....	5,767	1.93
Potters.....	1,648	0.34	Painters, glaziers, and varnishers.....	4,645	1.58
Cabinet makers and upholsterers.....	1,607	0.33	Miners and quarrymen.....	4,411	1.48
Physicians and surgeons.....	1,590	0.33	Boot and shoe makers and repairers.....	4,006	1.34
Hotel and boarding and lodging house keepers.....	1,584	0.32	Machinists.....	3,826	1.28
Saw and planing mill employes, etc. (e).....	1,584	0.32	Agents (claim, commission, real estate, insurance, etc.) and collectors.....	3,698	1.24
Wood workers (not otherwise specified).....	1,564	0.32	Salesmen.....	3,690	1.24
Bakers.....	1,501	0.31	Engineers and firemen (not locomotive).....	3,535	1.19
Bleachers, dyers, and scourers.....	1,468	0.30	Servants.....	3,316	1.11
Apprentices.....	1,428	0.29	Cotton, woolen, and other textile mill operatives.....	3,114	1.04
Fishermen and oystermen.....	1,407	0.29	Bookkeepers and accountants.....	2,705	0.91
Commercial travelers.....	1,396	0.29	Masons (brick and stone).....	2,705	0.91
Brick and tile makers and terra cotta workers.....	1,391	0.29	Boatmen, canalmen, pilots, and sailors.....	2,414	0.81
Musicians and teachers of music.....	1,374	0.28	Fishermen and oystermen.....	2,375	0.80
Tobacco and cigar factory operatives.....	1,367	0.28	Physicians and surgeons.....	2,324	0.78
Gold and silver workers.....	1,355	0.28	Printers and compositors.....	2,198	0.74
Hucksters and peddlers.....	1,345	0.28	Builders and contractors.....	2,006	0.67
Other occupations.....	59,229	12.15	Manufacturers and officials of manufacturing companies.....	1,944	0.65
			Ship and boat builders.....	1,931	0.65

a Includes officers of United States army and navy.

b Includes agricultural implement makers, brass workers, copper workers, iron and steel workers, lead and zinc workers, metal workers (not otherwise specified), molders, nail and tack makers, sewing machine makers, steam boiler makers, stove, furnace, and grate makers, tanners and tinware makers, and tool and cutlery makers.

c Includes locomotive engineers and firemen.

d Brokers (commercial) not included.

e Includes door, sash, and blind makers.

MALES—Continued.

COUNTRY OF BIRTH AND PRINCIPAL OCCUPATIONS.	Number.	Per cent.	COUNTRY OF BIRTH AND PRINCIPAL OCCUPATIONS.	Number.	Per cent.
Canada (English)—Continued.			Sweden and Norway—Continued.		
Hostlers and livery stable keepers	1,774	0.60	Cotton, woolen, and other textile mill operatives	2,005	0.52
Restaurant and saloon keepers	1,703	0.59	Marble and stone cutters	1,784	0.44
Clergymen	1,723	0.59	Restaurant and saloon keepers	1,767	0.44
Wood workers (not otherwise specified)	1,544	0.52	Brick and tile makers and terra cotta workers	1,508	0.37
Hotel and boarding and lodging house keepers	1,534	0.51	Agents (claim, commission, real estate, insurance, etc.) and collectors	1,410	0.34
Watchmen, policemen, and detectives	1,405	0.50	Clergymen	1,365	0.32
Barbers and hairdressers	1,401	0.47	Foremen and overseers	1,288	0.32
Marble and stone cutters	1,337	0.45	Barbers	1,174	0.29
Officials (government), etc. (a)	1,334	0.45	Messengers, packers, porters, etc.	1,162	0.29
Butchers	1,328	0.45	Watchmen, policemen, and detectives	1,123	0.28
Bankers, brokers, and officials of banks, etc. (b)	1,325	0.44	Leather carriers, dressers, finishers, and tanners	1,128	0.28
Harness, saddle, trunk, valise, leather-case, and pocket-book makers	1,234	0.41	Hostlers and livery stable keepers	1,019	0.25
Commercial travelers	1,187	0.40	Other occupations	52,841	8.10
Plumbers and gas and steam fitters	1,157	0.39			
Cabinet makers and upholsterers	1,128	0.38			
Messengers, packers, porters, etc.	1,098	0.37	Denmark.	70,404	100.00
Street railway employes	1,073	0.36	Farmers, planters, and overseers	19,301	27.41
Coopers	1,070	0.36	Agricultural laborers	9,416	13.37
Carriage and wagon makers (not otherwise classified) ..	1,060	0.36	Laborers (not specified)	9,305	13.30
Stock raisers, herders, and drovers	1,058	0.35	Carpenters and joiners	3,155	4.48
Tailors	1,058	0.35	Steam railroad employes (d)	1,803	2.56
Telegraph and telephone operators	1,049	0.35	Merchants and dealers	1,722	2.45
Barbers	1,030	0.35	Blacksmiths and wheelwrights	1,433	2.04
Professors and teachers	1,025	0.34	Draymen, hackmen, teamsters, etc.	1,349	1.92
Engineers (civil, mechanical, electrical, and mining) and surveyors	1,020	0.34	Painters, glaziers, and varnishers	1,064	1.51
Other occupations	22,177	7.44	Servants	1,032	1.47
Canada (French)	132,410	100.00	Iron, steel, and other metal workers (e)	978	1.29
Cotton, woolen, and other textile mill operatives	24,674	13.64	Clerks, copyists, stenographers, and typewriters	911	1.29
Laborers (not specified)	21,760	16.43	Saw and planing mill employes, etc. (d)	867	1.23
Farmers, planters, and overseers	11,656	8.80	Masons (brick and stone)	825	1.17
Carpenters and joiners	8,388	6.34	Miners and quarrymen	819	1.16
Agricultural laborers	5,305	4.01	Boatmen, canalmen, pilots, and sailors	787	1.12
Boot and shoe makers and repairers	4,485	3.39	Tailors	686	0.97
Brick and tile makers and terra cotta workers	4,349	3.23	Boot and shoe makers and repairers	633	0.90
Lumbermen, raftsmen, and wood choppers	3,943	2.98	Machinists	556	0.79
Saw and planing mill employes, etc. (c)	3,813	2.88	Brick and tile makers and terra cotta workers	539	0.77
Draymen, hackmen, teamsters, etc.	3,471	2.62	Cabinet makers and upholsterers	471	0.67
Steam railroad employes (d)	2,679	2.02	Restaurant and saloon keepers	468	0.67
Iron, steel, and other metal workers (e)	2,662	2.01	Gardeners, florists, nurserymen, and vine growers	446	0.63
Merchants and dealers	2,534	1.91	Butchers	399	0.57
Blacksmiths and wheelwrights	2,419	1.83	Salesmen	361	0.58
Masons (brick and stone)	1,743	1.32	Engineers and firemen (not locomotive)	356	0.53
Clerks, copyists, stenographers, and typewriters	1,696	1.28	Agents (claim, commission, real estate, insurance, etc.) and collectors	306	0.52
Painters, glaziers, and varnishers	1,620	1.22	Wood workers (not otherwise specified)	362	0.51
Miners and quarrymen	1,505	1.21	Lumbermen, raftsmen, and wood choppers	539	0.48
Machinists	1,180	0.89	Draymen	291	0.41
Barbers and hairdressers	1,076	0.81	Hostlers and livery stable keepers	280	0.40
Salesmen	1,045	0.79	Other occupations	8,964	12.73
Other occupations	20,317	15.94			
Sweden and Norway	405,677	100.00	France	50,251	100.00
Farmers, planters, and overseers	110,013	27.12	Farmers, planters, and overseers	9,993	19.87
Laborers (not specified)	60,637	14.95	Laborers (not specified)	5,267	8.89
Agricultural laborers	45,208	11.14	Merchants and dealers	3,631	6.13
Carpenters and joiners	21,758	5.36	Miners and quarrymen	2,755	4.65
Miners and quarrymen	14,860	3.66	Agricultural laborers	2,754	4.65
Steam railroad employes (d)	11,057	2.72	Servants	2,672	4.51
Saw and planing mill employes, etc. (c)	9,817	2.42	Carpenters and joiners	1,651	2.79
Iron, steel, and other metal workers (e)	8,253	2.03	Iron, steel, and other metal workers (e)	1,394	2.25
Tailors	7,217	1.78	Cotton, woolen, and other textile mill operatives	1,031	1.74
Merchants and dealers	7,168	1.77	Butchers	1,024	1.73
Painters, glaziers, and varnishers	6,004	1.48	Clerks, copyists, stenographers, and typewriters	1,014	1.71
Blacksmiths and wheelwrights	5,473	1.35	Restaurant and saloon keepers	1,011	1.71
Boatmen, canalmen, pilots, and sailors	5,320	1.31	Machinists	978	1.65
Draymen, hackmen, teamsters, etc.	5,272	1.30	Gardeners, florists, nurserymen, and vine growers	956	1.61
Clerks, copyists, stenographers, and typewriters	5,041	1.24	Boot and shoe makers and repairers	892	1.51
Lumbermen, raftsmen, and wood choppers	4,945	1.22	Glass workers	829	1.40
Machinists	4,732	1.17	Tailors	806	1.38
Boatmen, canalmen, pilots, and sailors	4,692	1.16	Blacksmiths and wheelwrights	791	1.33
Masons (brick and stone)	4,582	1.13	Steam railroad employes, etc. (d)	758	1.28
Servants	4,401	1.08	Bakers	781	1.23
Cabinet makers and upholsterers	2,992	0.74	Stock raisers, herders, and drovers	722	1.23
Salesmen	2,225	0.55	Painters, glaziers, and varnishers	681	1.15
Wood workers (not otherwise specified)	2,201	0.54	Draymen, hackmen, teamsters, etc.	645	1.09
Engineers and firemen (not locomotive)	2,189	0.54	Barbers and hairdressers	555	0.94
			Masons (brick and stone)	506	0.85

a Includes officers of United States army and navy.
b Brokers (commercial) not included.
c Includes door, sash, and blind makers.
d Includes locomotive engineers and firemen.
e Includes agricultural implement makers, brass workers, copper workers, iron and steel workers, lead and zinc workers, metal workers (not otherwise specified), molders, nail and tack makers, sewing machine makers, steam boiler makers, stove, furnace, and grate makers, tanners and tinware makers, and tool and cutlery makers.

OCCUPATIONS.

ciii

MALES—Continued.

COUNTRY OF BIRTH AND PRINCIPAL OCCUPATIONS.	Number.	Per cent.	COUNTRY OF BIRTH AND PRINCIPAL OCCUPATIONS.	Number.	Per cent.
France—Continued.			Hungary.....	30,502	100.00
Clergymen.....	493	0.83	Laborers (not specified).....	11,842	32.44
Agents (claim, commission, real estate, insurance, etc.) and collectors.....	478	0.80	Miners and quarrymen.....	7,289	19.97
Manufacturers and officials of manufacturing companies.....	461	0.78	Iron, steel, and other metal workers (b).....	2,457	6.73
Salesmen.....	434	0.73	Tailors.....	1,820	5.61
Professors and teachers.....	432	0.73	Merchants and dealers.....	1,378	3.77
Hotel and boarding and lodging house keepers.....	437	0.72	Steam railroad employes (a).....	1,296	3.55
Lumbermen, raftsmen, and wood choppers.....	420	0.72	Farmers, planters, and overseers.....	773	2.12
Engineers and firemen (not locomotive).....	404	0.68	Hucksters and peddlers.....	682	1.87
Bartenders.....	400	0.67	Agricultural laborers.....	658	1.80
Cabinet makers and upholsterers.....	384	0.65	Charcoal, coke, and lime burners.....	612	1.68
Wood workers (not otherwise specified).....	362	0.61	Tobacco and cigar factory operatives.....	485	1.33
Brick and tile makers and terra cotta workers.....	347	0.59	Boot and shoe makers and repairers.....	471	1.29
Laundresses.....	340	0.58	Clerks, copyists, stenographers, and typewriters.....	430	1.18
Physicians and surgeons.....	305	0.51	Brick and tile makers and terra cotta workers.....	411	1.13
Coopers.....	296	0.50	Cotton, woolen, and other textile mill operatives.....	304	0.87
Marble and stone cutters.....	288	0.49	Salesmen.....	282	0.77
Musicians and teachers of music.....	267	0.45	Other occupations.....	5,393	14.63
Clock and watch makers and repairers.....	269	0.44			
Hucksters and peddlers.....	261	0.44	Bohemia.....	51,262	100.00
Other occupations.....	8,193	13.83	Farmers, planters, and overseers.....	14,435	28.16
Italy.....	114,132	100.00	Laborers (not specified).....	8,153	15.90
Laborers (not specified).....	32,978	34.15	Agricultural laborers.....	3,304	6.45
Steam railroad employes (a).....	12,057	10.56	Tailors.....	3,292	6.42
Miners and quarrymen.....	9,708	8.51	Tobacco and cigar factory operatives.....	1,902	3.83
Merchants and dealers.....	7,225	6.33	Carpenters and joiners.....	1,478	2.88
Agricultural laborers.....	4,479	3.92	Saw and planing mill employes, etc. (c).....	1,306	2.55
Hucksters and peddlers.....	3,373	2.96	Merchants and dealers.....	1,274	2.48
Barbers and hairdressers.....	3,325	2.91	Iron, steel, and other metal workers (b).....	1,262	2.46
Boot and shoe makers and repairers.....	3,191	2.80	Miners and quarrymen.....	909	1.77
Tailors.....	2,275	1.99	Boot and shoe makers and repairers.....	876	1.71
Farmers, planters, and overseers.....	2,159	1.89	Steam railroad employes (a).....	670	1.31
Marble and stone cutters.....	1,907	1.67	Butchers.....	660	1.29
Masons (brick and stone).....	1,789	1.57	Blacksmiths and wheelwrights.....	638	1.28
Restaurant and saloon keepers.....	1,381	1.21	Masons (brick and stone).....	603	1.18
Servants.....	1,341	1.17	Restaurant and saloon keepers.....	573	1.12
Musicians and teachers of music.....	1,322	1.16	Clerks, copyists, stenographers, and typewriters.....	541	1.06
Cotton, woolen, and other textile mill operatives.....	1,114	0.98	Painters, glaziers, and varnishers.....	468	0.91
Iron, steel, and other metal workers (b).....	1,014	0.89	Draymen, hackmen, teamsters, etc.....	448	0.87
Gardeners, florists, nurserymen, and vine growers.....	936	0.82	Cabinet makers and upholsterers.....	445	0.87
Confectioners.....	910	0.80	Other occupations.....	7,945	15.50
Carpenters and joiners.....	839	0.73			
Draymen, hackmen, teamsters, etc.....	800	0.70	Other countries.....	433,678	100.00
Other occupations.....	14,011	12.28	Laborers (not specified).....	88,401	20.38
Russia.....	89,768	100.00	Farmers, planters, and overseers.....	46,741	10.78
Tailors.....	12,548	13.98	Agricultural laborers.....	34,439	7.95
Farmers, planters, and overseers.....	9,905	11.03	Miners and quarrymen.....	29,717	6.85
Laborers (not specified).....	9,841	10.90	Servants.....	21,843	5.04
Hucksters and peddlers.....	8,542	9.52	Laundresses.....	20,358	4.69
Miners and quarrymen.....	7,678	8.55	Merchants and dealers.....	16,768	3.87
Merchants and dealers.....	6,936	7.73	Tailors.....	11,851	2.73
Agricultural laborers.....	3,730	4.16	Tobacco and cigar factory operatives.....	9,511	2.19
Lumbermen, raftsmen, and wood choppers.....	1,795	2.00	Steam railroad employes (a).....	9,499	2.19
Iron, steel, and other metal workers (b).....	1,543	1.72	Iron, steel, and other metal workers (b).....	8,228	1.90
Boot and shoe makers and repairers.....	1,527	1.70	Carpenters and joiners.....	7,796	1.78
Carpenters and joiners.....	1,477	1.65	Stock raisers, herders, and drovers.....	6,561	1.51
Tobacco and cigar factory operatives.....	1,419	1.58	Clerks, copyists, stenographers, and typewriters.....	5,555	1.23
Clerks, copyists, stenographers, and typewriters.....	1,405	1.57	Hucksters and peddlers.....	5,360	1.24
Painters, glaziers, and varnishers.....	1,048	1.17	Boot and shoe makers and repairers.....	4,787	1.10
Salesmen.....	1,028	1.15	Cotton, woolen, and other textile mill operatives.....	4,666	1.08
Steam railroad employes (a).....	920	1.02	Saw and planing mill employes, etc. (c).....	4,341	1.00
Saw and planing mill employes, etc. (c).....	885	0.99	Gardeners, florists, nurserymen, and vine growers.....	4,245	0.98
Hat and cap makers.....	791	0.88	Draymen, hackmen, teamsters, etc.....	4,022	0.93
Shirt, collar, and cuff makers.....	727	0.81	Restaurant and saloon keepers.....	3,432	0.79
Manufacturers and officials of manufacturing companies.....	614	0.68	Painters, glaziers, and varnishers.....	3,302	0.76
Butchers.....	610	0.68	Lumbermen, raftsmen, and wood choppers.....	3,056	0.70
Agents (claim, commission, real estate, insurance, etc.) and collectors.....	579	0.64	Brick and tile makers and terra cotta workers.....	2,911	0.67
Boatmen, canalmen, pilots, and sailors.....	547	0.61	Fishermen and oystermen.....	2,897	0.67
Restaurant and saloon keepers.....	505	0.56	Masons (brick and stone).....	2,840	0.65
Draymen, hackmen, teamsters, etc.....	498	0.55	Dairymen.....	2,812	0.65
Other occupations.....	12,670	14.11	Blacksmiths and wheelwrights.....	2,029	0.61
			Wood workers (not otherwise specified).....	2,543	0.59
			Barbers and hairdressers.....	2,501	0.58
			Butchers.....	2,354	0.54
			Machinists.....	2,313	0.53
			Other occupations.....	55,475	12.79

a Includes locomotive engineers and firemen.

b Includes agricultural implement makers, brass workers, copper workers, iron and steel workers, lead and zinc workers, metal workers (not otherwise specified), molders, nail and tack makers, sewing machine makers, steam boiler makers, stove, furnace, and grate makers, tanners and tinware makers, and tool and cutlery makers.

c Includes door, sash, and blind makers.

FEMALES.

COUNTRY OF BIRTH AND PRINCIPAL OCCUPATIONS.	Number.	Per cent.	COUNTRY OF BIRTH AND PRINCIPAL OCCUPATIONS.	Number.	Per cent.
Germany.....	102,957	100.00	Canada (English)—Continued.		
Servants.....	79,086	49.08	Tailoresses.....	1,610	2.55
Farmers, planters, and overseers.....	10,830	6.65	Hotel and boarding and lodging house keepers.....	1,424	2.25
Dressmakers.....	9,183	5.63	Laundresses.....	1,338	2.12
Laundresses.....	6,793	4.17	Boot and shoe makers and repairers.....	1,205	2.00
Tailoresses.....	6,529	4.01	Milliners.....	1,195	1.89
Seamstresses, etc. (a).....	6,171	3.79	Saleswomen.....	1,042	1.65
Cotton, woolen, and other textile mill operatives.....	5,575	3.42	Musicians and teachers of music.....	568	0.89
Housekeepers and stewardesses.....	4,399	2.70	Other occupations.....	5,502	8.70
Merchants and dealers.....	4,375	2.68	Canada (French).....	38,383	100.00
Nurses and midwives.....	3,008	1.85	Cotton, woolen, and other textile mill operatives.....	27,249	70.99
Professors and teachers.....	2,546	1.56	Servants.....	2,767	7.21
Hotel and boarding and lodging house keepers.....	2,084	1.27	Dressmakers.....	2,500	6.54
Tobacco and cigar factory operatives.....	1,337	1.13	Boot and shoe makers and repairers.....	575	1.50
Bookkeepers, clerks, stenographers, and typewriters.....	1,786	1.08	Seamstresses, etc. (a).....	571	1.49
Saleswomen.....	1,721	1.06	Professors and teachers.....	479	1.25
Other occupations.....	16,204	9.94	Housekeepers and stewardesses.....	436	1.13
Ireland.....	261,463	100.00	Other occupations.....	3,797	9.89
Servants.....	154,553	59.11	Sweden and Norway.....	75,510	100.00
Cotton, woolen, and other textile mill operatives.....	21,942	8.39	Servants.....	53,644	71.04
Laundresses.....	15,525	5.94	Dressmakers.....	3,930	5.21
Dressmakers.....	12,211	4.67	Farmers, planters, and overseers.....	3,097	4.10
Farmers, planters, and overseers.....	6,737	2.58	Laundresses.....	3,060	4.03
Housekeepers and stewardesses.....	6,349	2.43	Seamstresses, etc. (a).....	1,915	2.54
Seamstresses, etc. (a).....	6,340	2.42	Housekeepers and stewardesses.....	1,785	2.36
Merchants and dealers.....	4,386	1.68	Cotton, woolen, and other textile mill operatives.....	1,400	1.93
Hotel and boarding and lodging house keepers.....	4,163	1.59	Tailoresses.....	1,211	1.60
Nurses and midwives.....	3,780	1.45	Other occupations.....	5,402	7.16
Professors and teachers.....	3,002	1.15	Denmark.....	8,753	100.00
Tailoresses.....	2,298	0.81	Servants.....	5,897	67.37
Other occupations.....	20,267	7.75	Dressmakers.....	605	6.91
England and Wales.....	69,843	100.00	Farmers, planters, and overseers.....	317	3.62
Servants.....	20,527	29.39	Housekeepers and stewardesses.....	311	3.56
Cotton, woolen, and other textile mill operatives.....	13,221	18.93	Laundresses.....	238	2.70
Dressmakers.....	6,496	9.30	Seamstresses, etc. (a).....	212	2.42
Farmers, planters, and overseers.....	2,650	4.22	Cotton, woolen, and other textile mill operatives.....	141	1.61
Seamstresses, etc. (a).....	2,463	3.53	Bookkeepers, clerks, stenographers, and typewriters.....	114	1.30
Housekeepers and stewardesses.....	2,264	3.24	Other occupations.....	920	10.51
Nurses and midwives.....	2,190	3.14	France.....	8,909	100.00
Professors and teachers.....	1,978	2.83	Servants.....	2,825	31.72
Bookkeepers, clerks, stenographers, and typewriters.....	1,947	2.79	Dressmakers.....	1,176	13.20
Laundresses.....	1,559	2.23	Professors and teachers.....	658	7.50
Milliners.....	1,379	1.98	Laundresses.....	469	5.27
Hotel and boarding and lodging house keepers.....	1,357	1.94	Farmers, planters, and overseers.....	413	4.64
Merchants and dealers.....	1,100	1.59	Cotton, woolen, and other textile mill operatives.....	388	4.36
Tailoresses.....	1,105	1.58	Seamstresses, etc. (a).....	369	4.14
Saleswomen.....	1,015	1.45	Nurses and midwives.....	300	3.37
Musicians and teachers of music.....	617	0.88	Merchants and dealers.....	253	2.84
Other occupations.....	7,671	10.93	Housekeepers and stewardesses.....	229	2.57
Scotland.....	18,748	100.00	Hotel and boarding and lodging house keepers.....	212	2.38
Servants.....	6,369	33.97	Milliners.....	181	2.03
Cotton, woolen, and other textile mill operatives.....	4,123	21.99	Tailoresses.....	148	1.66
Dressmakers.....	1,802	9.65	Saleswomen.....	104	1.17
Farmers, planters, and overseers.....	831	4.43	Bookkeepers, clerks, stenographers, and typewriters.....	163	1.16
Housekeepers and stewardesses.....	631	3.37	Other occupations.....	1,068	11.99
Nurses and midwives.....	550	2.93	Italy.....	6,075	100.00
Seamstresses, etc. (a).....	492	2.62	Servants.....	1,140	18.77
Professors and teachers.....	457	2.44	Tailoresses.....	949	15.63
Bookkeepers, clerks, stenographers, and typewriters.....	456	2.43	Cotton, woolen, and other textile mill operatives.....	857	14.27
Laundresses.....	432	2.30	Dressmakers.....	334	5.50
Hotel and boarding and lodging house keepers.....	301	1.61	Merchants and dealers.....	298	4.91
Other occupations.....	2,804	14.96	Confectioners.....	296	4.87
Canada (English).....	63,234	100.00	Seamstresses, etc. (a).....	284	4.67
Servants.....	24,402	38.59	Tobacco and cigar factory operatives.....	265	4.37
Dressmakers.....	8,053	12.74	Artificial flower makers.....	180	2.93
Cotton, woolen, and other textile mill operatives.....	3,664	5.79	Hucksters and peddlers.....	175	2.85
Professors and teachers.....	3,060	4.84	Laborers (not specified).....	161	2.65
Bookkeepers, clerks, stenographers, and typewriters.....	2,353	3.72	Agricultural laborers.....	159	2.63
Seamstresses, etc. (a).....	2,303	3.64	Laundresses.....	135	2.22
Housekeepers and stewardesses.....	2,123	3.36	Housekeepers and stewardesses.....	109	1.79
Nurses and midwives.....	1,768	2.80	Saleswomen.....	104	1.71
Farmers, planters, and overseers.....	1,629	2.58	Other occupations.....	1,172	19.29

a Includes sewing machine operators and shirt, collar, and cuff makers.

OCCUPATIONS.

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FEMALES—Continued.

COUNTRY OF BIRTH AND PRINCIPAL OCCUPATIONS.	Number.	Per cent.	COUNTRY OF BIRTH AND PRINCIPAL OCCUPATIONS.	Number.	Per cent.
Russia	11,615	100.00	Bohemia	9,124	100.00
Servants	3,340	28.76	Servants	3,256	35.69
Tailoresses	2,198	18.92	Tobacco and cigar factory operatives	1,821	19.99
Seamstresses, etc. (a)	1,640	14.12	Tailoresses	1,215	13.32
Dressmakers	1,021	8.79	Farmers, planters, and overseers	452	4.95
Tobacco and cigar factory operatives	391	3.37	Dressmakers	367	4.03
Cotton, woolen, and other textile mill operatives	360	3.10	Seamstresses, etc. (a)	344	3.77
Saleswomen	213	1.83	Laundresses	312	3.42
Merchants and dealers	200	1.72	Other occupations	1,334	14.84
Hucksters and peddlers	186	1.60			
Farmers, planters, and overseers	142	1.22	Other countries	40,020	100.00
Bookkeepers, clerks, stenographers, and typewriters	136	1.17	Servants	14,040	37.34
Laundresses	133	1.15	Seamstresses, etc. (a)	2,751	6.87
Other occupations	1,655	14.25	Laundresses	2,497	6.24
Hungary	4,185	100.00	Dressmakers	2,413	6.03
Servants	2,140	51.14	Tailoresses	2,364	5.91
Seamstresses, etc. (a)	370	8.84	Cotton, woolen, and other textile mill operatives	2,180	5.47
Tailoresses	342	8.17	Tobacco and cigar factory operatives	1,805	4.51
Dressmakers	296	7.07	Farmers, planters, and overseers	1,422	3.55
Cotton, woolen, and other textile mill operatives	182	4.35	Housekeepers and stewardesses	682	2.45
Tobacco and cigar factory operatives	124	2.96	Professors and teachers	631	2.33
Other occupations	731	17.47	Laborers (not specified)	875	2.19
			Agricultural laborers	727	1.82
			Other occupations	6,118	15.29

a Includes sewing machine operators and shirt, collar, and cuff makers.

OCCUPATIONS OF WHITE PERSONS 10 YEARS OF AGE AND OVER ACCORDING TO BIRTHPLACE OF MOTHERS.

Of the 5,217,925 foreign born persons who were engaged in gainful occupations in 1890, all but 113,167 (principally Chinese) were white, but the discussion of this element of foreign birth alone does not show the relative proportion of white persons of foreign extraction in gainful occupations, or their distribution according to classes and specified occupations. The tabulation of the occupation data was extended to include, therefore, all white persons having mothers born in foreign countries, subdivided according to birthplace of mothers, the whole number of white persons (irrespective of age) having mothers born in foreign countries being 18,094,950, and the number 10 years of age and over engaged in gainful occupations was 8,020,036. The whole number of white persons 10 years of age and over having mothers born in foreign countries was not separately tabulated in 1890, so that no direct comparison can be made as to the percentage of those of each nationality who were engaged in gainful occupations. For this reason the following table shows, for each nationality, the total number only of white persons having mothers born in foreign countries, the number 10 years of age and over engaged in gainful occupations, and the percentage which the latter constituted, in each case, of the whole number of white persons having mothers born as specified:

BIRTHPLACE OF MOTHERS.	WHITE PERSONS HAVING MOTHERS BORN IN FOREIGN COUNTRIES.		
	Total.	Number and per cent engaged in gainful occupations.	
		Number.	Per cent.
Aggregate	18,094,950	8,020,036	44.32
Germany	6,140,255	2,611,123	42.48
Ireland	4,608,833	2,273,557	49.33
England and Wales	1,893,707	843,260	44.53
Scotland	519,330	245,963	47.36
Canada (English)	841,677	311,626	37.02
Canada (French)	481,689	200,326	43.46
Scandinavia	1,524,712	636,113	41.72
France	220,856	114,238	51.76
Italy	239,342	125,324	52.36
Hungary	72,043	38,488	53.42
Bohemia	215,085	73,709	34.31
Other countries	1,822,361	537,219	29.46

The percentage of white persons having mothers born in foreign countries who were engaged in gainful occupations of the whole number of such persons does not exceed 50 per cent in but two instances, namely, those having mothers born in Hungary and in Italy, although it was very nearly 50 per cent in the case of those having mothers born in France and in Ireland. It will be noticed that in all cases the percentages are considerably lower than those previously given for foreign born persons of the various nationalities, and this is due, of course, to the much larger proportion of women and children among the native born element of foreign extraction.

The following table shows the number of white persons having mothers born in each specified country engaged in each class of occupations in 1890, and the percentage in each case of the total number of white persons having mothers born in foreign countries similarly occupied:

BIRTHPLACE OF MOTHERS.	NUMBER OF WHITE PERSONS HAVING MOTHERS BORN IN FOREIGN COUNTRIES ENGAGED IN—						PER CENT OF WHITE PERSONS HAVING MOTHERS BORN IN EACH SPECIFIED COUNTRY OF TOTAL WHITE PERSONS HAVING MOTHERS BORN IN FOREIGN COUNTRIES ENGAGED IN—					
	All occupations.	Agriculture, fisheries, and mining.	Professional service.	Domestic and personal service.	Trade and transportation.	Manufacturing and mechanical industries.	All occupations.	Agriculture, fisheries, and mining.	Professional service.	Domestic and personal service.	Trade and transportation.	Manufacturing and mechanical industries.
Aggregate	8,020,036	1,622,070	231,814	1,892,762	1,316,068	2,656,422	100.00	100.00	100.00	100.00	100.00	100.00
Germany	2,611,123	674,896	63,251	524,904	430,387	918,095	32.56	35.09	27.29	27.74	32.68	34.56
Ireland	2,273,557	339,723	68,427	694,285	420,248	750,874	28.35	17.68	29.52	36.68	31.91	28.27
England and Wales	843,200	244,886	39,197	127,036	143,665	288,476	10.51	12.74	16.91	6.71	10.91	10.86
Scotland	245,963	64,854	11,950	87,766	44,235	87,218	3.07	3.37	5.15	1.99	3.36	3.28
Canada (English)	311,626	70,044	14,985	93,715	55,710	98,172	3.89	4.11	6.46	3.37	4.23	3.70
Canada (French)	209,326	31,166	2,357	37,108	19,172	119,523	2.61	1.62	1.02	1.96	1.46	4.66
Scandinavia	636,113	247,947	9,922	171,049	63,539	143,656	7.93	12.90	4.28	9.04	4.82	5.41
France	114,238	30,209	5,761	23,250	19,429	35,568	1.42	1.57	2.48	1.23	1.47	1.24
Italy	125,324	19,672	2,753	59,921	26,904	26,074	1.56	1.02	1.19	2.69	2.04	0.94
Hungary	38,483	8,411	407	13,947	4,968	10,755	0.48	0.44	0.18	0.74	0.33	0.40
Bohemia	73,769	23,555	882	15,606	6,298	27,458	0.92	1.23	0.38	0.82	0.48	1.03
Other countries	537,219	158,216	11,922	133,115	82,413	151,553	6.70	8.23	5.14	7.03	6.20	5.71

Briefly analyzed, this table shows that of the whole number of white persons of foreign extraction, based upon the nativity of the mother, who were at work in 1890, those with German mothers constituted 32.56 per cent and those with Irish mothers 28.35 per cent. These two elements combined constituted more than three-fifths of the whole number at work, and this was the case in three of the five classes of occupations, namely, domestic and personal service, trade and transportation, and manufacturing and mechanical industries. In agriculture, fisheries, and mining, those with Irish mothers constituted only a small percentage of the whole number as compared with the percentage for those with German mothers, while in professional service the percentage of white persons with Irish mothers was slightly larger than the percentage of white persons with German mothers. Of white persons of foreign extraction engaged in domestic and personal service, those with Irish mothers constituted by far the larger percentage as compared with those with German mothers, while in trade and transportation there was nearly the same percentage of each element, and in manufacturing and mechanical industries a considerably larger percentage of those with German mothers. White persons with mothers of English or Welsh birth constituted 12.74 per cent and those with mothers of Scandinavian birth 12.90 per cent of the whole number of white persons having mothers born in foreign countries engaged in agriculture, fisheries, and mining.

OCCUPATIONS.

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The following table shows the number of white males and females having mothers born in each specified country engaged in each class of occupations in 1890:

BIRTHPLACE OF MOTHERS.	NUMBER OF WHITE MALES HAVING MOTHERS BORN IN FOREIGN COUNTRIES ENGAGED IN—						NUMBER OF WHITE FEMALES HAVING MOTHERS BORN IN FOREIGN COUNTRIES ENGAGED IN—					
	All occupations.	Agriculture, fisheries, and mining.	Professional service.	Domestic and personal service.	Trade and transportation.	Manufacturing and mechanical industries.	All occupations.	Agriculture, fisheries, and mining.	Professional service.	Domestic and personal service.	Trade and transportation.	Manufacturing and mechanical industries.
Aggregate	6,557,403	1,878,599	157,020	1,220,444	1,206,764	2,094,590	1,462,628	43,480	74,704	672,818	110,204	561,832
Germany	2,223,395	657,562	48,164	342,240	305,899	779,524	887,728	16,834	15,087	182,748	34,483	138,571
Ireland	1,675,470	829,607	38,754	415,395	376,763	514,951	508,087	10,116	29,673	278,899	43,485	235,923
England and Wales	725,696	240,331	27,335	85,775	132,302	239,953	117,564	4,555	11,802	41,281	11,303	48,523
Scotland	208,530	63,297	8,307	23,207	40,774	72,945	87,433	1,557	3,643	14,499	3,461	14,273
Canada (English)	251,149	77,900	8,788	37,828	50,368	76,265	60,477	1,144	6,197	25,837	5,342	21,907
Canada (French)	160,597	80,769	1,554	31,443	13,013	78,828	48,729	407	803	5,065	1,159	40,695
Scandinavia	531,321	243,831	7,169	91,784	60,920	127,617	104,792	4,116	2,763	79,295	2,619	16,039
France	97,520	29,468	4,006	16,711	17,935	29,400	16,718	732	1,755	6,569	1,494	6,168
Italy	118,042	19,410	2,561	48,983	25,798	21,284	7,282	256	192	1,938	1,106	3,790
Hungary	84,441	8,373	862	11,684	4,731	9,291	4,047	38	45	2,263	237	1,464
Bohemia	60,463	22,875	704	10,309	5,573	21,002	13,336	680	178	5,297	725	6,456
Other countries	470,784	155,171	9,316	105,079	77,638	123,530	66,435	3,045	2,606	23,030	4,725	28,023

The percentages of white males and females having mothers born in each specified country of the total number of white persons of each sex having mothers born in foreign countries engaged in gainful occupations and in each class of occupations, respectively, in 1890, were as follows:

BIRTHPLACE OF MOTHERS.	PER CENT OF WHITE MALES HAVING MOTHERS BORN IN EACH SPECIFIED COUNTRY OF TOTAL WHITE MALES HAVING MOTHERS BORN IN FOREIGN COUNTRIES ENGAGED IN—						PER CENT OF WHITE FEMALES HAVING MOTHERS BORN IN EACH SPECIFIED COUNTRY OF TOTAL WHITE FEMALES HAVING MOTHERS BORN IN FOREIGN COUNTRIES ENGAGED IN—					
	All occupations.	Agriculture, fisheries, and mining.	Professional service.	Domestic and personal service.	Trade and transportation.	Manufacturing and mechanical industries.	All occupations.	Agriculture, fisheries, and mining.	Professional service.	Domestic and personal service.	Trade and transportation.	Manufacturing and mechanical industries.
Aggregate	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Germany	33.91	85.00	30.07	28.04	32.81	37.22	26.51	38.72	20.17	27.18	31.29	24.66
Ireland	25.55	17.54	24.08	34.04	31.22	24.59	40.89	23.26	39.67	41.48	39.40	41.99
England and Wales	11.07	12.79	17.41	7.03	10.96	11.46	8.04	10.48	15.86	6.14	10.31	8.64
Scotland	8.18	3.37	5.29	1.90	3.38	3.48	2.50	3.58	4.87	2.15	3.14	2.54
Canada (English)	3.83	4.15	5.00	3.10	4.17	3.64	4.14	2.63	8.20	3.85	4.85	6.90
Canada (French)	2.45	1.64	0.99	2.38	1.49	3.76	3.33	0.94	1.07	0.84	1.05	7.24
Scandinavia	8.10	12.93	4.57	7.52	5.05	6.09	7.16	9.47	3.68	11.79	2.38	2.86
France	1.49	1.57	2.55	1.37	1.49	1.40	1.14	1.68	2.35	0.98	1.36	1.10
Italy	1.80	1.03	1.63	4.01	2.14	1.02	0.50	0.59	0.20	0.29	1.00	0.67
Hungary	0.52	0.45	0.23	0.96	0.39	0.44	0.28	0.09	0.09	0.34	0.21	0.26
Bohemia	0.92	1.22	0.45	0.84	0.46	1.00	0.91	1.56	0.24	0.79	0.66	1.15
Other countries	7.18	8.26	5.93	8.61	6.44	5.90	4.54	7.00	3.48	4.17	4.20	4.89

With the exception of agriculture, fisheries, and mining, white females with Irish mothers constituted in 1890 two-fifths, or very nearly two-fifths, of all white females having mothers born in foreign countries engaged in each class of occupations. In agriculture, fisheries, and mining, white females with Irish mothers constituted only 23.26 per cent, as compared with 38.72 per cent for white females with German mothers, while for each of the other classes of occupations the percentages for white females with German mothers were very much less than those for white females with Irish mothers.

If the percentages showing the distribution of white persons having mothers born in foreign countries in each class of occupations according to birthplace of mothers are compared with similar percentages of distribution for foreign born persons, as given in the discussion of the "Occupations of foreign born persons according to country of birth", it will be seen that, relatively, there is an increased proportion of white persons having mothers born in Germany, Ireland, and Great Britain, and a decreased proportion of white persons having mothers born in British America, Scandinavia, and "Other countries", owing to the more recent growth of the immigration of the latter

nationalities as compared with that of the former. This is especially marked with respect to those of Irish maternity, the percentages showing a very much larger proportion in each class of occupations than was the case where persons of Irish birth only were considered. There is also a considerable increase in the proportion of those with German mothers, and slight increases in the proportion of those with British mothers, with the single exception of manufacturing and mechanical industries, which shows a decrease.

The following table shows the distribution of white persons having mothers born in each specified country engaged in gainful occupations in 1890 according to the percentage in each class of occupations:

BIRTHPLACE OF MOTHERS.	PER CENT OF WHITE PERSONS HAVING MOTHERS BORN IN EACH SPECIFIED COUNTRY ENGAGED IN EACH CLASS OF OCCUPATIONS OF TOTAL WHITE PERSONS HAVING MOTHERS BORN IN EACH SPECIFIED COUNTRY ENGAGED IN GAINFUL OCCUPATIONS.														
	Both sexes.					Males.					Females.				
	Agriculture, fisheries, and mining.	Professional service.	Domestic and personal service.	Trade and transportation.	Manufacturing and mechanical industries.	Agriculture, fisheries, and mining.	Professional service.	Domestic and personal service.	Trade and transportation.	Manufacturing and mechanical industries.	Agriculture, fisheries, and mining.	Professional service.	Domestic and personal service.	Trade and transportation.	Manufacturing and mechanical industries.
Aggregate	23.97	2.89	23.60	10.42	33.12	28.65	2.40	18.61	18.40	31.94	2.97	5.11	45.97	7.54	38.41
Germany	25.83	2.42	20.11	16.48	35.16	29.57	2.17	15.39	17.81	35.06	4.84	3.89	47.13	8.90	35.74
Ireland	14.94	3.01	30.54	18.48	33.03	19.67	2.31	24.79	22.49	30.74	1.60	4.96	46.63	7.27	39.45
England and Wales ..	29.04	4.65	15.06	17.04	34.21	33.12	3.77	11.82	18.23	33.06	3.87	10.09	35.10	9.67	41.27
Scotland	26.37	4.86	15.33	17.98	35.46	30.36	3.98	11.13	19.55	34.98	4.16	9.73	38.73	9.25	38.13
Canada (English) ...	25.30	4.81	20.45	17.88	31.50	31.02	3.50	15.06	20.05	30.37	1.89	10.25	42.81	8.83	36.22
Canada (French)	14.89	1.12	17.73	9.16	57.10	19.15	0.97	19.58	11.22	49.08	0.83	1.65	11.63	2.33	83.51
Scandinavia	38.98	1.56	26.89	9.99	22.58	45.89	1.35	17.27	11.47	24.02	3.93	2.63	75.64	2.50	15.30
France	26.44	5.04	20.38	17.01	31.13	30.22	4.11	17.13	18.39	30.15	4.38	10.50	39.29	8.94	36.83
Italy	15.70	2.19	40.63	21.47	20.01	16.45	2.17	41.50	21.85	18.03	3.51	2.64	26.61	15.19	52.05
Hungary	21.85	1.06	36.24	12.91	27.94	24.81	1.05	33.02	13.71	26.98	0.94	1.11	55.92	5.86	38.17
Bohemia	31.92	1.19	21.15	8.53	37.21	37.83	1.16	17.05	9.22	34.74	5.10	1.33	39.72	5.44	48.41
Other countries	29.45	2.22	24.78	15.34	28.21	32.96	1.98	22.32	16.50	26.24	4.59	3.92	42.20	7.11	42.18

In this table the whole number of white persons having mothers born in each of the specified countries at work in 1890 is taken as 100 per cent, and the percentage in each class of occupations is given in each case for both sexes combined and for each sex separately. The largest percentage in any one class of occupations is that for white persons having mothers born in Canada of French extraction who were engaged in manufacturing and mechanical industries, being 57.10 per cent for both sexes combined and 83.51 per cent for females alone. Of the whole number having Scandinavian mothers, very nearly two-fifths of those at work were engaged in agriculture, fisheries, and mining, the next largest proportion in this class of occupations being those with Bohemian mothers, or somewhat more than three-tenths of their whole number at work. There was, however, a much larger proportion of this last-named nationality in manufacturing and mechanical industries than in agriculture, fisheries, and mining, or 37.21 per cent as against 31.92 per cent. Practically one-third of all those at work whose mothers were born in Germany, Ireland, England and Wales, or Scotland were engaged in manufacturing and mechanical industries, while of those with mothers born in Canada of English extraction and in France, very nearly one-third were similarly occupied. Of white females at work whose mothers were of Scandinavian birth, more than three-fourths, and of those with mothers of Hungarian birth considerably more than one-half, were engaged in domestic and personal service.

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In the following statement the total number of persons of each sex engaged in principal occupations in 1890 is distributed by number and percentage according to birthplace of mothers:

MALES:

BIRTHPLACE OF MOTHERS AND PRINCIPAL OCCUPATIONS.	Number.	Per cent.	BIRTHPLACE OF MOTHERS AND PRINCIPAL OCCUPATIONS.	Number.	Per cent.
Germany.....	2,223,583	100.00	Ireland—Continued:		
Farmers, planters, and overseers.....	429,688	19.32	Plumbers and gas and steam fitters.....	18,074	1.08
Laborers (not specified).....	216,705	9.74	Messengers, packers, porters, etc.....	16,870	1.01
Agricultural laborers.....	171,886	7.73	Restaurant and saloon keepers.....	14,505	0.87
Merchants and dealers.....	117,129	5.27	Printers and compositors.....	14,110	0.84
Carpenters and joiners.....	79,166	3.56	Agents (claim, commission, real estate, insurance, etc.) and collectors.....	12,682	0.76
Iron, steel, and other metal workers (a).....	68,510	3.08	Hostlers and livery stable keepers.....	12,682	0.76
Clerks, copyists, stenographers, and typewriters.....	67,895	3.03	Bartenders.....	12,598	0.75
Tailors.....	50,662	2.55	Apprentices.....	11,740	0.70
Draymen, hackmen, teamsters, etc.....	47,018	2.14	Bookkeepers and accountants.....	11,377	0.68
Butchers.....	38,762	1.74	Leather curriers, dressers, finishers, and tanners.....	10,686	0.64
Painters, glaziers, and varnishers.....	36,312	1.63	Officials (government), etc. (d).....	9,511	0.57
Boot and shoe makers and repairers.....	35,235	1.58	Street railway employes.....	9,481	0.57
Steam railroad employes (b).....	34,596	1.57	Foremen and overseers.....	9,309	0.56
Blacksmiths and wheelwrights.....	34,178	1.54	Gardeners, florists, nurserymen, and vine growers.....	9,308	0.56
Salesmen.....	31,662	1.42	Boatmen, canalmen, pilots, and sailors.....	9,108	0.54
Bakers.....	29,721	1.37	Tailors.....	8,832	0.53
Machinists.....	29,171	1.31	Butchers.....	8,294	0.50
Restaurant and saloon keepers.....	28,379	1.28	Builders and contractors.....	7,750	0.46
Miners and quarrymen.....	27,055	1.24	Saw and planing mill employes, etc. (c).....	7,334	0.44
Tobacco and cigar factory operatives.....	26,247	1.18	Brick and tile makers and terra cotta workers.....	6,949	0.40
Masons (brick and stone).....	25,381	1.14	Lumbermen, raftsmen, and wood choppers.....	6,472	0.39
Cabinet makers and upholsterers.....	23,668	1.04	Manufacturers and officials of manufacturing companies.....	6,271	0.37
Cotton, woolen, and other textile mill operatives.....	21,346	0.90	Plasterers.....	6,085	0.36
Servants.....	20,905	0.94	Hucksters and peddlers.....	5,437	0.32
Barbers and hairdressers.....	20,005	0.93	Coopers.....	5,420	0.32
Wood workers (not otherwise specified).....	17,334	0.78	Hotel and boarding and lodging house keepers.....	5,360	0.32
Manufacturers and officials of manufacturing companies.....	17,298	0.78	Wood workers (not otherwise specified).....	5,334	0.32
Bookkeepers and accountants.....	16,804	0.75	Clergymen.....	5,325	0.32
Apprentices.....	16,401	0.74	Telegraph and telephone operators.....	5,184	0.31
Printers and compositors.....	16,368	0.74	Other occupations.....	174,486	10.41
Agents (claim, commission, real estate, insurance, etc.) and collectors.....	15,783	0.71	England and Wales.....	725,679	100.00
Saw and planing mill employes, etc. (c).....	15,772	0.71	Farmers, planters, and overseers.....	121,428	16.73
Messengers, packers, porters, etc.....	15,716	0.71	Miners and quarrymen.....	68,288	9.41
Brewers and maltsters.....	15,462	0.69	Laborers (not specified).....	49,693	6.87
Gardeners, florists, nurserymen, and vine growers.....	15,385	0.69	Agricultural laborers.....	38,587	5.41
Bartenders.....	15,180	0.68	Iron, steel, and other metal workers (a).....	30,449	4.19
Engineers and firemen (not locomotive).....	14,255	0.64	Merchants and dealers.....	28,764	3.98
Coopers.....	12,916	0.58	Cotton, woolen, and other textile mill operatives.....	27,173	3.74
Harness, saddle, trunk, valise, leather-case, and pocket-book makers.....	12,065	0.54	Carpenters and joiners.....	25,926	3.57
Hucksters and peddlers.....	10,054	0.45	Clerks, copyists, stenographers, and typewriters.....	24,161	3.33
Brick and tile makers and terra cotta workers.....	9,248	0.41	Machinists.....	18,046	2.49
Watchmen, policemen, and detectives.....	9,076	0.41	Steam railroad employes (b).....	15,111	2.08
Leather curriers, dressers, finishers, and tanners.....	8,843	0.40	Painters, glaziers, and varnishers.....	12,091	1.73
Carriage and wagon makers (not otherwise classified).....	8,297	0.37	Draymen, hackmen, teamsters, etc.....	12,568	1.73
Marble and stone cutters.....	8,003	0.36	Blacksmiths and wheelwrights.....	11,452	1.58
Other occupations.....	236,130	10.57	Engineers and firemen (not locomotive).....	11,098	1.52
Ireland.....	1,676,012	100.00	Agents (claim, commission, real estate, insurance, etc.) and collectors.....	9,173	1.26
Laborers (not specified).....	299,637	17.88	Salesmen.....	8,982	1.24
Farmers, planters, and overseers.....	178,608	10.61	Bookkeepers and accountants.....	8,506	1.17
Iron, steel, and other metal workers (a).....	76,547	4.57	Servants.....	7,848	1.05
Steam railroad employes (b).....	75,718	4.52	Boot and shoe makers and repairers.....	7,021	0.97
Agricultural laborers.....	74,998	4.48	Manufacturers and officials of manufacturing companies.....	6,074	0.86
Draymen, hackmen, teamsters, etc.....	65,853	3.93	Printers and compositors.....	6,014	0.83
Clerks, copyists, stenographers, and typewriters.....	57,895	3.46	Gardeners, florists, nurserymen, and vine growers.....	5,717	0.79
Miners and quarrymen.....	53,389	3.21	Butchers.....	5,176	0.71
Merchants and dealers.....	53,110	3.17	Marble and stone cutters.....	4,783	0.65
Cotton, woolen, and other textile mill operatives.....	46,468	2.77	Clergymen.....	4,333	0.60
Carpenters and joiners.....	36,509	2.18	Bankers, brokers, and officials of banks, etc. (e).....	4,271	0.59
Boot and shoe makers and repairers.....	27,937	1.67	Plumbers and gas and steam fitters.....	4,082	0.56
Blacksmiths and wheelwrights.....	26,955	1.61	Tailors.....	3,922	0.54
Masons (brick and stone).....	25,018	1.53	Messengers, packers, porters, etc.....	3,610	0.50
Machinists.....	24,028	1.43	Stock raisers, herders, and drovers.....	3,531	0.40
Servants.....	23,374	1.40	Apprentices.....	3,471	0.48
Painters, glaziers, and varnishers.....	21,964	1.31	Watchmen, policemen, and detectives.....	3,445	0.47
Engineers and firemen (not locomotive).....	21,684	1.29	Boatmen, canalmen, pilots, and sailors.....	3,229	0.44
Watchmen, policemen, and detectives.....	20,691	1.23	Restaurant and saloon keepers.....	3,187	0.44
Salesmen.....	18,247	1.09	Engineers (civil, mechanical, electrical, and mining) and surveyors.....	3,187	0.44

a Includes agricultural implement makers, brass workers, copper workers, iron and steel workers, lead and zinc workers, metal workers (not otherwise specified), molders, nail and tack makers, sewing machine makers, steam boiler makers, stove, furnace, and grate makers, tanners and tinware makers, and tool and cutlery makers.

b Includes locomotive engineers and firemen.

c Includes door, sash, and blind makers.

d Includes officers of United States army and navy.

e Brokers (commercial) not included.

MALES—Continued.

BIRTHPLACE OF MOTHERS AND PRINCIPAL OCCUPATIONS.	Number.	Per cent.	BIRTHPLACE OF MOTHERS AND PRINCIPAL OCCUPATIONS.	Number.	Per cent.
England and Wales—Continued.			Canada (English)—Continued.		
Builders and contractors.....	3,085	0.42	Iron, steel, and other metal workers (c).....	4,746	1.89
Officials (government), etc. (a).....	2,087	0.42	Painters, glaziers, and varnishers.....	4,194	1.57
Physicians and surgeons.....	2,898	0.40	Boot and shoe makers and repairers.....	3,984	1.58
Saw and planing mill employes, etc. (b).....	2,875	0.40	Salesmen.....	3,740	1.48
Hostlers and livery stable keepers.....	2,783	0.38	Cotton, woolen, and other textile mill operatives.....	3,734	1.48
Commercial travelers.....	2,698	0.37	Miners and quarrymen.....	3,366	1.35
Millers (flour and grist).....	2,691	0.37	Machinists.....	3,120	1.24
Lawyers.....	2,581	0.36	Agents (claim, commission, real estate, insurance, etc.) and collectors.....	2,765	1.10
Wood workers (not otherwise specified).....	2,510	0.35	Engineers and firemen (not locomotive).....	2,720	1.08
Cabinet makers and upholsterers.....	2,398	0.33	Bookkeepers and accountants.....	2,550	1.02
Glass workers.....	2,381	0.33	Servants.....	2,443	0.97
Lumbermen, raftsmen, and wood choppers.....	2,311	0.32	Fishermen and oystermen.....	2,327	0.93
Plasterers.....	2,263	0.31	Boatmen, canalmen, pilots, and sailors.....	2,160	0.89
Hotel and boarding and lodging house keepers.....	2,197	0.30	Printers and compositors.....	2,051	0.82
Professors and teachers.....	2,188	0.30	Masons (brick and stone).....	2,008	0.80
Harness, saddle, trunk, valise, leather-case, and pocket-book makers.....	2,075	0.29	Physicians and surgeons.....	1,596	0.63
Potters.....	2,073	0.29	Ship and boat builders.....	1,542	0.61
Bakers.....	2,006	0.28	Hostlers and livery stable keepers.....	1,479	0.59
Other occupations.....	76,816	10.58	Messengers, packers, porters, etc.....	1,453	0.58
			Manufacturers and officials of manufacturing companies.....	1,407	0.56
			Wood workers (not otherwise specified).....	1,332	0.53
Scotland.....			Barbers and hairdressers.....	1,300	0.52
	208,570	100.00	Builders and contractors.....	1,272	0.51
Farmers, planters, and overseers.....	34,200	16.40	Restaurant and saloon keepers.....	1,215	0.48
Miners and quarrymen.....	14,669	7.03	Professors and teachers.....	1,082	0.43
Laborers (not specified).....	12,852	6.16	Clergymen.....	1,076	0.43
Carpenters and joiners.....	10,767	5.16	Apprentices.....	1,073	0.43
Agricultural laborers.....	9,056	4.34	Marble and stone cutters.....	1,071	0.43
Merchants and dealers.....	8,402	4.07	Butchers.....	1,070	0.43
Clerks, copyists, stenographers, and typewriters.....	7,328	3.51	Plumbers and gas and steam fitters.....	1,064	0.42
Iron, steel, and other metal workers (c).....	6,830	3.27	Watchmen, policemen, and detectives.....	1,006	0.40
Machinists.....	6,376	3.06	Hotel and boarding and lodging house keepers.....	1,003	0.40
Cotton, woolen, and other textile mill operatives.....	5,828	2.79	Other occupations.....	29,620	11.62
Steam railroad employes (d).....	4,890	2.35			
Blacksmiths and wheelwrights.....	4,334	2.08	Canada (French).....		
Marble and stone cutters.....	4,229	2.03		100,650	100.00
Engineers and firemen (not locomotive).....	3,464	1.66	Cotton, woolen, and other textile mill operatives.....	29,688	12.11
Draymen, hackmen, teamsters, etc.....	3,461	1.66	Laborers (not specified).....	29,526	15.89
Painters, glaziers, and varnishers.....	3,082	1.48	Farmers, planters, and overseers.....	15,153	9.43
Masons (brick and stone).....	3,072	1.47	Carpenters and joiners.....	9,100	5.87
Salesmen.....	2,942	1.41	Agricultural laborers.....	8,744	5.44
Bookkeepers and accountants.....	2,877	1.38	Boot and shoe makers and repairers.....	5,951	3.70
Agents (claim, commission, real estate, insurance, etc.) and collectors.....	2,696	1.29	Brick and tile makers and terra cotta workers.....	4,529	2.82
Manufacturers and officials of manufacturing companies.....	1,957	0.94	Saw and planing mill employes, etc. (b).....	4,430	2.70
Plumbers and gas and steam fitters.....	1,931	0.93	Draymen, hackmen, teamsters, etc.....	4,316	2.69
Printers and compositors.....	1,925	0.92	Lumbermen, raftsmen, and wood choppers.....	4,055	2.53
Servants.....	1,899	0.91	Iron, steel, and other metal workers (c).....	3,361	2.09
Lumbermen, raftsmen, and wood choppers.....	1,668	0.80	Steam railroad employes (d).....	3,157	1.95
Boot and shoe makers and repairers.....	1,657	0.80	Merchants and dealers.....	2,878	1.79
Bankers, brokers, and officials of banks, etc. (e).....	1,530	0.73	Blacksmiths and wheelwrights.....	2,683	1.67
Stock raisers, herders, and drovers.....	1,408	0.68	Clerks, copyists, stenographers, and typewriters.....	2,500	1.56
Boatmen, canalmen, pilots, and sailors.....	1,382	0.66	Painters, glaziers, and varnishers.....	2,085	1.80
Tailors.....	1,351	0.64	Masons (brick and stone).....	2,027	1.26
Physicians and surgeons.....	1,267	0.61	Miners and quarrymen.....	1,767	1.10
Builders and contractors.....	1,204	0.58	Machinists.....	1,534	0.95
Bakers.....	1,181	0.57	Salesmen.....	1,471	0.92
Watchmen, policemen, and detectives.....	1,137	0.55	Barbers and hair dressers.....	1,375	0.86
Saw and planing mill employes, etc. (b).....	1,135	0.54	Wood workers (not otherwise specified).....	1,101	0.68
Officials (government), etc. (a).....	1,099	0.53	Engineers and firemen (not locomotive).....	1,014	0.63
Clergymen.....	1,089	0.52	Marble and stone cutters.....	1,012	0.63
Apprentices.....	1,072	0.51	Other occupations.....	21,793	13.57
Engineers (civil, mechanical, electrical, and mining) and surveyors.....	1,037	0.50			
Other occupations.....	80,196	14.48	Scandinavia.....		
				531,442	100.00
Canada (English).....			Farmers, planters, and overseers.....	143,603	27.02
	251,274	100.00	Laborers (not specified).....	72,691	13.63
Farmers, planters, and overseers.....	41,770	16.62	Agricultural laborers.....	72,443	13.63
Laborers (not specified).....	26,135	10.40	Carpenters and joiners.....	25,917	4.83
Agricultural laborers.....	22,029	8.77	Miners and quarrymen.....	16,059	3.02
Carpenters and joiners.....	17,076	6.79	Steam railroad employes (d).....	13,544	2.55
Clerks, copyists, stenographers, and typewriters.....	8,633	3.43	Saw and planing mill employes, etc. (b).....	11,314	2.13
Draymen, hackmen, teamsters, etc.....	7,949	3.16	Merchants and dealers.....	10,386	1.95
Merchants and dealers.....	7,762	3.09	Iron, steel, and other metal workers (c).....	8,379	1.66
Lumbermen, raftsmen, and wood choppers.....	6,638	2.64	Clerks, copyists, stenographers, and typewriters.....	8,158	1.54
Steam railroad employes (d).....	6,533	2.62	Tailors.....	8,072	1.52
Saw and planing mill employes, etc. (b).....	5,195	2.07	Painters, glaziers, and varnishers.....	7,636	1.44
Blacksmiths and wheelwrights.....	4,832	1.92	Draymen, hackmen, teamsters, etc.....	7,437	1.40
			Blacksmiths and wheelwrights.....	7,275	1.37
			Servants.....	6,084	1.14

a Includes officers of United States army and navy.

b Includes door, sash, and blind makers.

c Includes agricultural implement makers, brass workers, copper workers, iron and steel workers, lead and zinc workers, metal workers (not otherwise specified), molders, nail and tack makers, sewing machine makers, steam boiler makers, stove, furnace, and grate makers, tanners and tinware makers, and tool and cutlery makers.

d Includes locomotive engineers and firemen.

e Brokers (commercial) not included.

OCCUPATIONS.

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MALES—Continued.

BIRTHPLACE OF MOTHERS AND PRINCIPAL OCCUPATIONS.	Number.	Per cent.	BIRTHPLACE OF MOTHERS AND PRINCIPAL OCCUPATIONS.	Number.	Per cent.
Scandinavia—Continued.			Hungary.....	34,442	100.00
Boatmen, canalmen, pilots, and sailors.....	6,065	1.14	Laborers (not specified).....	10,974	31.88
Machinists.....	5,671	1.07	Miners and quarrymen.....	6,937	20.14
Lumbermen, raftsmen, and wood choppers.....	5,024	1.06	Iron, steel, and other metal workers (a).....	2,218	6.44
Masons (brick and stone).....	5,565	1.05	Tailors.....	1,722	5.00
Boot and shoe makers and repairers.....	5,451	1.03			
Cabinet makers and upholsterers.....	3,690	0.69	Merchants and dealers.....	1,250	3.63
Salesmen.....	3,594	0.68	Steam railroad employes (b).....	1,246	3.62
Engineers and firemen (not locomotive).....	2,808	0.53	Farmers, planters, and overseers.....	672	1.95
Wood workers (not otherwise specified).....	2,788	0.52	Hucksters and peddlers.....	600	1.74
Cotton, woolen, and other textile mill operatives.....	2,557	0.48			
Restaurant and saloon keepers.....	2,374	0.45	Charcoal, coke, and lime burners.....	589	1.71
Fishermen and oystermen.....	2,255	0.42	Agricultural laborers.....	501	1.63
Brick and tile makers and terra cotta workers.....	2,199	0.41	Other occupations.....	7,073	22.28
Agents (claim, commission, real estate, insurance, etc.) and collectors.....	2,146	0.40			
Other occupations.....	58,117	10.94	Bohemia.....	60,457	100.00
France.....	97,523	100.00	Farmers, planters, and overseers.....	10,219	26.83
Farmers, planters, and overseers.....	17,214	17.65	Laborers (not specified).....	8,761	14.49
Laborers (not specified).....	7,747	7.94	Agricultural laborers.....	5,465	9.04
Merchants and dealers.....	5,749	5.89	Tailors.....	3,595	5.95
Agricultural laborers.....	5,701	5.85	Tobacco and cigar factory operatives.....	2,191	3.62
Carpenters and joiners.....	3,189	3.27			
Miners and quarrymen.....	3,187	3.27	Carpenters and joiners.....	1,627	2.69
Clerks, copyists, stenographers, and typewriters.....	3,175	3.26	Iron, steel, and other metal workers (a).....	1,529	2.53
Servants.....	3,107	3.18	Merchants and dealers.....	1,464	2.42
Iron, steel, and other metal workers (a).....	2,452	2.51	Saw and planing mill employes (c).....	1,412	2.33
Machinists.....	1,600	1.65	Clerks, copyists, stenographers, and typewriters.....	1,058	1.75
Steam railroad employes (b).....	1,565	1.00	Boot and shoe makers and repairers.....	953	1.58
Butchers.....	1,504	1.54	Miners and quarrymen.....	842	1.39
Painters, glaziers, and varnishers.....	1,475	1.51	Butchers.....	754	1.25
Blacksmiths and wheelwrights.....	1,396	1.43	Blacksmiths and wheelwrights.....	732	1.24
Boot and shoe makers and repairers.....	1,386	1.42			
Restaurant and saloon keepers.....	1,382	1.42	Steam railroad employes (b).....	724	1.20
Draymen, hackmen, teamsters, etc.....	1,375	1.41	Masons (brick and stone).....	631	1.04
Cotton, woolen, and other textile mill operatives.....	1,316	1.35	Restaurant and saloon keepers.....	621	1.03
Salesmen.....	1,192	1.22	Painters, glaziers, and varnishers.....	608	1.00
Gardeners, florists, nurserymen, and vine growers.....	1,166	1.20			
Glass workers.....	1,013	1.04	Draymen, hackmen, teamsters, etc.....	600	0.99
Tailors.....	1,002	1.03	Apprentices.....	550	0.91
Bookkeepers and accountants.....	989	1.01	Cabinet makers and upholsterers.....	518	0.86
Agents (claim, commission, real estate, insurance, etc.) and collectors.....	952	0.98	Other occupations.....	9,483	15.69
Barbers and hairdressers.....	927	0.95			
Stock raisers, herders, and drovers.....	915	0.94	Other countries.....	470,786	100.00
Bakers.....	897	0.92	Laborers (not specified).....	85,154	18.09
Engineers and firemen (not locomotive).....	826	0.85	Farmers, planters, and overseers.....	65,420	13.90
Masons (brick and stone).....	817	0.84	Agricultural laborers.....	38,180	8.10
Manufacturers and officials of manufacturing companies.....	727	0.74	Miners and quarrymen.....	31,408	6.67
			Merchants and dealers.....	22,250	4.73
Bartenders.....	682	0.70			
Printers and compositors.....	641	0.66	Hucksters and peddlers.....	13,564	2.89
Hotel and boarding and lodging house keepers.....	613	0.63	Tailors.....	12,955	2.75
Cabinet makers and upholsterers.....	575	0.59	Iron, steel, and other metal workers (a).....	11,040	2.35
Professors and teachers.....	573	0.59	Carpenters and joiners.....	10,484	2.23
Clergymen.....	549	0.56	Clerks, copyists, stenographers, and typewriters.....	9,620	2.04
Saw and planing mill employes, etc. (c).....	533	0.55			
Physicians and surgeons.....	506	0.52	Tobacco and cigar factory operatives.....	8,672	1.84
Other occupations.....	10,809	17.33	Steam railroad employes (b).....	8,158	1.73
Italy.....	118,030	100.00	Stock raisers, herders, and drovers.....	7,892	1.08
Laborers (not specified).....	39,405	33.38	Servants.....	5,652	1.20
Steam railroad employes (b).....	10,193	8.63	Draymen, hackmen, teamsters, etc.....	5,027	1.20
Miners and quarrymen.....	9,867	8.36			
Merchants and dealers.....	7,577	6.42	Saw and planing mill employes, etc. (c).....	5,562	1.18
Agricultural laborers.....	4,517	3.88	Boot and shoe makers and repairers.....	5,528	1.17
Hucksters and peddlers.....	3,456	2.93	Cotton, woolen, and other textile mill operatives.....	5,170	1.10
Barbers and hairdressers.....	3,384	2.87	Painters, glaziers, and varnishers.....	5,036	1.07
Boot and shoe makers and repairers.....	3,285	2.78			
Tailors.....	2,922	1.97	Salesmen.....	4,595	0.88
Farmers, planters, and overseers.....	2,288	1.04	Restaurant and saloon keepers.....	3,775	0.80
Marble and stone cutters.....	1,948	1.65	Lumbermen, raftsmen, and wood choppers.....	3,685	0.78
Masons (brick and stone).....	1,839	1.56	Blacksmiths and wheelwrights.....	3,465	0.74
Restaurant and saloon keepers.....	1,476	1.25			
Musicians and teachers of music.....	1,426	1.21	Wood workers (not otherwise specified).....	3,346	0.71
Servants.....	1,419	1.20	Fishermen and oystermen.....	3,238	0.69
Cotton, woolen, and other textile mill operatives.....	1,141	0.97	Butchers.....	3,221	0.68
Iron, steel, and other metal workers (a).....	1,080	0.91	Masons (brick and stone).....	3,197	0.68
Clerks, copyists, stenographers, and typewriters.....	1,018	0.86			
Confectioners.....	966	0.82	Machinists.....	2,965	0.63
Gardeners, florists, nurserymen, and vine growers.....	964	0.82	Dairymen.....	2,882	0.61
Draymen, hackmen, teamsters, etc.....	848	0.80	Manufacturers and officials of manufacturing companies.....	2,747	0.58
Other occupations.....	17,517	14.84	Brick and tile makers and terra cotta workers.....	2,701	0.57
			Agents (claim, commission, real estate, insurance, etc.) and collectors.....	2,600	0.55
			Barbers and hairdressers.....	2,487	0.53
			Cabinet makers and upholsterers.....	2,424	0.51
			Gardeners, florists, nurserymen, and vine growers.....	2,317	0.49
			Bakers.....	2,209	0.47
			Boatmen, canalmen, pilots, and sailors.....	2,124	0.45
			Bookkeepers and accountants.....	2,037	0.43
			Other occupations.....	57,420	12.20

a Includes agricultural implement makers, brass workers, copper workers, iron and steel workers, lead and zinc workers, metal workers (not otherwise specified), molders, nail and tack makers, sewing machine makers, steam boiler makers, stove, furnace, and grate makers, tanners and tinware makers, and tool and cutlery makers.

b Includes locomotive engineers and firemen.

c Includes door, sash, and blind makers.

FEMALES.

BIRTHPLACE OF MOTHERS AND PRINCIPAL OCCUPATIONS.	Number.	Per cent.	BIRTHPLACE OF MOTHERS AND PRINCIPAL OCCUPATIONS.	Number.	Per cent.
Germany	387,618	100.00	Canada (English)	60,524	100.00
Servants.....	153,268	39.54	Servants.....	20,726	34.24
Dressmakers.....	36,294	9.35	Dressmakers.....	7,816	12.90
Seamstresses, etc. (a).....	25,926	6.69	Professors and teachers.....	4,799	7.93
Tailoresses.....	29,775	5.26	Cotton, woolen, and other textile mill operatives.....	4,337	7.16
Cotton, woolen, and other textile mill operatives.....	16,892	4.36	Bookkeepers, clerks, stenographers, and typewriters.....	3,127	5.17
Farmers, planters, and overseers.....	13,063	3.37	Seamstresses, etc. (a).....	2,258	3.73
Bookkeepers, clerks, stenographers, and typewriters.....	13,061	3.37	Housekeepers and stewardesses.....	1,675	2.77
Professors and teachers.....	11,183	2.88	Boot and shoe makers and repairers.....	1,590	2.63
Saleswomen.....	11,022	2.84	Tailoresses.....	1,328	2.19
Laundresses.....	9,937	2.56	Milliners.....	1,310	2.18
Housekeepers and stewardesses.....	7,426	1.92	Saleswomen.....	1,273	2.10
Milliners.....	6,960	1.80	Nurses and midwives.....	1,238	2.04
Merchants and dealers.....	6,172	1.59	Hotel and boarding and lodging house keepers.....	936	1.55
Tobacco and cigar factory operatives.....	5,021	1.30	Farmers, planters, and overseers.....	923	1.53
Other occupations.....	50,672	13.07	Other occupations.....	7,684	12.70
Ireland	597,483	100.00	Canada (French)	48,087	100.00
Servants.....	227,835	38.13	Cotton, woolen, and other textile mill operatives.....	32,255	67.25
Dressmakers.....	57,874	9.69	Servants.....	4,041	8.40
Cotton, woolen, and other textile mill operatives.....	50,372	8.43	Dressmakers.....	3,332	6.94
Seamstresses, etc. (a).....	27,380	4.58	Boot and shoe makers and repairers.....	1,201	2.47
Professors and teachers.....	25,748	4.31	Seamstresses, etc. (a).....	979	2.01
Laundresses.....	22,563	3.78	Professors and teachers.....	621	1.28
Bookkeepers, clerks, stenographers, and typewriters.....	19,710	3.30	Bookkeepers, clerks, stenographers, and typewriters.....	575	1.18
Saleswomen.....	13,244	2.21	Housekeepers and stewardesses.....	505	1.04
Boot and shoe makers and repairers.....	10,520	1.76	Other occupations.....	5,178	10.63
Housekeepers and stewardesses.....	10,500	1.76	Scandinavia	104,769	100.00
Tailoresses.....	9,561	1.60	Servants.....	71,179	67.98
Farmers, planters, and overseers.....	8,971	1.50	Dressmakers.....	6,724	6.42
Milliners.....	7,215	1.21	Farmers, planters, and overseers.....	3,640	3.38
Merchants and dealers.....	6,454	1.08	Laundresses.....	3,483	3.32
Nurses and midwives.....	6,184	1.03	Seamstresses, etc. (a).....	3,002	2.87
Hotel and boarding and lodging house keepers.....	6,163	1.02	Housekeepers and stewardesses.....	2,347	2.24
Bookbinders.....	4,658	0.78	Professors and teachers.....	2,170	2.07
Box makers (paper).....	4,104	0.69	Cotton, woolen, and other textile mill operatives.....	1,889	1.81
Tobacco and cigar factory operatives.....	4,041	0.68	Tailoresses.....	1,619	1.55
Paper mill operatives.....	4,035	0.67	Bookkeepers, clerks, stenographers, and typewriters.....	1,619	1.45
Other occupations.....	73,433	12.29	Other occupations.....	7,287	6.91
England and Wales	117,229	100.00	France	10,680	100.00
Servants.....	30,052	25.64	Servants.....	4,550	27.20
Cotton, woolen, and other textile mill operatives.....	16,355	13.95	Dressmakers.....	2,890	14.32
Dressmakers.....	13,314	11.36	Professors and teachers.....	1,254	7.51
Professors and teachers.....	8,441	7.20	Seamstresses, etc. (a).....	1,046	6.27
Bookkeepers, clerks, stenographers, and typewriters.....	5,820	4.97	Cotton, woolen, and other textile mill operatives.....	730	4.57
Seamstresses, etc. (a).....	4,943	4.22	Laundresses.....	650	3.90
Farmers, planters, and overseers.....	3,952	3.37	Farmers, planters, and overseers.....	576	3.45
Housekeepers and stewardesses.....	3,274	2.79	Bookkeepers, clerks, stenographers, and typewriters.....	602	3.37
Milliners.....	2,923	2.49	Milliners.....	445	2.67
Nurses and midwives.....	2,905	2.48	Nurses and midwives.....	413	2.43
Saleswomen.....	2,675	2.28	Saleswomen.....	394	2.36
Hotel and boarding and lodging house keepers.....	1,974	1.68	Tailoresses.....	387	2.33
Laundresses.....	1,888	1.61	Merchants and dealers.....	386	2.31
Musicians and teachers of music.....	1,582	1.35	Housekeepers and stewardesses.....	381	2.23
Tailoresses.....	1,570	1.34	Hotel and boarding and lodging house keepers.....	341	2.04
Merchants and dealers.....	1,454	1.24	Musicians and teachers of music.....	231	1.38
Boot and shoe makers and repairers.....	1,165	0.94	Other occupations.....	1,854	11.71
Other occupations.....	12,906	11.09	Italy	7,267	100.00
Scotland	37,865	100.00	Servants.....	1,282	17.64
Servants.....	10,872	29.10	Tailoresses.....	696	13.71
Cotton, woolen, and other textile mill operatives.....	5,290	14.18	Dressmakers.....	499	6.87
Dressmakers.....	3,796	10.16	Confectioners.....	448	6.16
Professors and teachers.....	2,892	7.74	Cotton, woolen, and other textile mill operatives.....	394	5.42
Bookkeepers, clerks, stenographers, and typewriters.....	1,771	4.74	Seamstresses, etc. (a).....	363	4.99
Farmers, planters, and overseers.....	1,384	3.70	Merchants and dealers.....	294	4.05
Seamstresses, etc. (a).....	1,201	3.45	Artificial flower makers.....	240	3.43
Housekeepers and stewardesses.....	1,098	2.94	Tobacco and cigar factory operatives.....	240	3.30
Nurses and midwives.....	990	2.57	Saleswomen.....	193	2.68
Milliners.....	796	2.13	Laborers (not specified).....	172	2.37
Saleswomen.....	776	2.08	Hucksters and peddlers.....	171	2.35
Hotel and boarding and lodging house keepers.....	641	1.72	Agricultural laborers.....	170	2.34
Laundresses.....	633	1.69	Bookkeepers, clerks, stenographers, and typewriters.....	153	2.11
Other occupations.....	5,156	13.80	Laundresses.....	144	1.98
			Housekeepers and stewardesses.....	113	1.55
			Other occupations.....	1,386	19.07

a Includes sewing machine operators and shirt, collar, and cuff makers.

OCCUPATIONS.

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FEMALES—Continued.

BIRTHPLACE OF MOTHERS AND PRINCIPAL OCCUPATIONS.	Number.	Per cent.	BIRTHPLACE OF MOTHERS AND PRINCIPAL OCCUPATIONS.	Number.	Per cent.
Hungary.....	4,045	100.00	Other countries.....	66,476	100.00
Servants.....	1,992	49.25	Servants.....	22,143	33.31
Seamstresses, etc. (a).....	868	9.10	Seamstresses, etc. (a).....	5,804	8.73
Tailoresses.....	337	8.33	Tailoresses.....	5,510	8.30
Dressmakers.....	291	7.19	Dressmakers.....	5,199	7.82
Tobacco and cigar factory operatives.....	113	2.79	Cotton, woolen, and other textile mill operatives.....	3,551	5.34
Other occupations.....	944	23.34	Tobacco and cigar factory operatives.....	2,568	3.86
Bohemia.....	13,334	100.00	Laundresses.....	2,191	3.30
Servants.....	4,618	34.63	Professors and teachers.....	1,850	2.80
Tobacco and cigar factory operatives.....	2,104	15.78	Bookkeepers, clerks, stenographers, and typewriters....	1,089	2.54
Tailoresses.....	1,910	14.33	Farmers, planters, and overseers.....	1,070	2.51
Dressmakers.....	698	5.22	Saleswomen.....	1,356	2.04
Seamstresses, etc. (a).....	649	4.87	Housekeepers and stewardesses.....	1,205	1.81
Farmers, planters, and overseers.....	483	3.67	Agricultural laborers.....	1,088	1.64
Laundresses.....	343	2.57	Laborers (not specified).....	1,091	1.51
Bookkeepers, clerks, stenographers, and typewriters....	327	2.45	Other occupations.....	9,033	14.49
Other occupations.....	2,224	16.68			

a Includes sewing machine operators and shirt, collar, and cuff makers.

OCCUPATIONS OF FOREIGN BORN MALES 21 YEARS OF AGE AND OVER ACCORDING TO CITIZENSHIP.

The whole number of foreign born males 21 years of age and over in the United States in 1890 was 4,348,459, of whom 4,113,681, or 94.60 per cent, were engaged in gainful occupations. The distribution of this element of the population according to citizenship in 1890 was as follows:

CITIZENSHIP.	FOREIGN BORN MALES 21 YEARS OF AGE AND OVER.		
	Total.	Number and per cent engaged in gainful occupations.	
		Number.	Per cent.
Aggregate.....	4,348,459	4,113,681	94.60
Aliens.....	1,189,452	1,143,155	96.11
Naturalized.....	2,545,753	2,401,028	94.34
First naturalization papers filed.....	230,081	230,485	97.64
Unknown.....	377,193	338,413	89.72

From this table it is seen that there was a slightly larger percentage of aliens and of foreign born males who had filed their first naturalization papers engaged in gainful occupations than of naturalized males of adult age, while for those for whom the facts as to citizenship were unknown less than 90 per cent were at work.

The distribution according to citizenship of foreign born males 21 years of age and over engaged in gainful occupations and in each class of occupations is shown by the following table:

CLASSES OF OCCUPATIONS.	ALIENS.		NATURALIZED.		FIRST NATURALIZATION PAPERS FILED.		UNKNOWN.	
	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.
All occupations.....	1,143,155	27.79	2,401,028	58.38	230,485	5.60	338,413	8.23
Agriculture, fisheries, and mining.....	269,366	22.29	753,052	62.31	85,896	7.11	100,240	8.20
Professional service.....	19,467	20.81	60,019	64.16	4,001	4.92	9,463	10.11
Domestic and personal service.....	338,698	37.40	450,147	49.71	45,894	5.07	70,762	7.82
Trade and transportation.....	154,588	24.10	399,888	62.85	27,820	4.34	59,091	9.21
Manufacturing and mechanical industries....	301,036	28.55	738,522	58.89	66,274	5.24	98,857	7.82

Of the whole number of foreign born adult males at work in 1890, 27.79 per cent were aliens, 58.38 per cent had been naturalized, 5.60 per cent had taken out their first naturalization papers, while for 8.23 per cent the facts as to citizenship were not stated. These percentages do not differ particularly from those showing the distribution according to citizenship of all the adult males of foreign birth, namely: aliens, 27.35 per cent; naturalized, 58.54

per cent; first naturalization papers filed, 5.43 per cent; unknown, 8.68 per cent. In the various classes of occupations, however, the distribution according to citizenship shows wide differences, especially as to the percentages of the alien and naturalized elements. In domestic and personal service the aliens constituted 37.40 per cent of all the foreign born adult males so occupied in 1890, and those naturalized 49.71 per cent only. The alien element constituted 28.55 per cent of all the foreign born males of voting age engaged in manufacturing and mechanical industries in 1890, 24.10 per cent of those engaged in trade and transportation, 22.29 per cent of those engaged in agriculture, fisheries, and mining, and 20.81 per cent of those engaged in professional service.

Considering the distribution according to citizenship of foreign born males 21 years of age and over engaged in each of the principal occupations, the following table is obtained:

PRINCIPAL OCCUPATIONS.	ALIENS.		NATURALIZED.		FIRST NATURALIZATION PAPERS FILED.		UNKNOWN.	
	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.
Agricultural laborers.....	89,752	45.56	69,050	35.36	12,173	6.18	25,412	12.90
Farmers, planters, and overseers.....	78,995	10.71	540,258	74.50	52,311	7.10	56,605	7.69
Gardeners, florists, nurserymen, and vine growers.....	8,708	20.78	20,242	82.24	1,414	4.35	2,157	6.63
Lumbermen, raftsmen, and wood choppers.....	12,402	44.08	11,100	39.45	2,646	9.40	1,080	7.07
Stock raisers, herders, and drovers.....	4,950	33.37	7,531	50.77	995	6.71	1,358	9.15
Fishermen and oystermen.....	6,083	47.77	4,914	38.59	648	5.09	1,088	8.55
Miners and quarrymen.....	65,767	36.82	86,510	48.44	15,335	8.59	10,991	6.15
Clergymen.....	3,902	21.36	11,472	62.79	1,178	6.45	1,718	9.40
Lawyers.....	395	6.61	4,607	77.05	209	3.50	768	12.84
Officials (government), etc. (a).....	881	7.38	9,580	80.30	342	2.87	1,127	9.45
Physicians and surgeons.....	1,964	18.31	7,124	66.41	571	5.32	1,068	9.96
Professors and teachers.....	2,154	24.90	5,048	58.51	488	5.66	938	10.87
Barbers and hairdressers.....	5,925	29.29	11,842	58.54	707	3.50	1,754	8.67
Bartenders.....	4,373	23.90	11,081	60.72	994	5.45	1,802	9.87
Engineers and firemen (not locomotive).....	7,241	19.21	25,598	67.63	1,941	5.15	2,998	7.96
Hotel and boarding and lodging house keepers.....	1,661	10.78	12,705	78.59	612	3.97	1,026	6.66
Laborers (not specified).....	251,192	39.61	298,060	47.00	35,311	5.57	49,634	7.82
Restaurant and saloon keepers.....	3,448	8.03	35,257	82.12	1,733	4.04	2,497	5.81
Servants.....	33,726	62.91	21,125	33.14	2,237	3.51	6,652	10.44
Watchmen, policemen, and detectives.....	2,926	11.23	20,622	79.18	920	3.53	1,578	6.06
Agents (claim, commission, real estate, insurance, etc.) and collectors.....	4,903	10.73	20,414	69.64	1,205	4.11	2,780	9.52
Bankers, brokers, and officials of banks, etc. (b).....	1,537	13.28	8,854	74.08	392	3.28	1,119	9.36
Boatmen, canalmen, pilots, and sailors.....	5,832	26.75	12,313	56.49	1,049	4.81	2,605	11.65
Bookkeepers and accountants.....	5,684	25.34	11,684	58.24	1,031	5.14	2,203	11.28
Clerks, copyists, stenographers, and typewriters.....	10,421	27.78	33,006	55.98	2,578	4.36	7,022	11.88
Commercial travelers.....	1,415	17.09	5,576	67.35	285	3.44	1,003	12.12
Draymen, hackmen, teamsters, etc.....	19,383	23.51	52,502	63.68	3,724	4.52	6,834	8.20
Hostlers and livery stable keepers.....	5,619	32.11	9,480	53.89	753	4.28	1,709	9.72
Hucksters and peddlers.....	13,081	46.90	11,571	41.40	1,276	4.58	1,902	7.03
Merchants and dealers.....	27,368	15.42	130,939	73.76	6,128	3.45	13,091	7.37
Messengers, packers, porters, etc.....	2,787	24.28	7,431	64.73	477	4.15	785	6.84
Salesmen.....	7,640	25.37	17,530	58.97	1,353	4.55	3,303	11.11
Steam railroad employes (c).....	86,874	33.46	65,925	50.74	6,068	5.50	11,354	10.80
Telegraph and telephone operators.....	717	27.03	1,340	51.64	106	4.08	432	16.65
Apprentices.....	629	47.83	412	31.33	74	5.63	200	15.21
Bakers.....	9,780	31.12	17,777	56.80	1,533	4.87	2,237	7.15
Blacksmiths and wheelwrights.....	14,206	21.71	42,443	64.86	3,643	5.57	5,146	7.86
Boot and shoe makers and repairers.....	18,658	27.10	43,134	61.67	3,293	4.71	4,559	6.52
Brick and tile makers and terra cotta workers.....	10,424	51.57	7,452	36.87	939	4.64	1,399	6.92
Builders and contractors.....	1,685	12.01	10,711	76.37	556	3.97	1,073	7.05
Butchers.....	5,282	22.73	23,578	64.70	1,721	4.72	2,859	7.85
Cabinet makers and upholsterers.....	6,033	23.02	17,064	65.10	1,347	5.14	1,768	6.74
Carpenters and joiners.....	41,278	26.67	90,061	58.77	9,050	6.43	12,579	8.13
Coopers.....	2,602	17.21	10,704	70.79	651	4.31	1,163	7.69
Cotton, woolen, and other textile mill operatives.....	31,503	42.23	34,208	45.86	2,824	3.79	6,054	8.12
Harness, saddle, trunk, valise, leather-case, and pocket-book makers.....	2,356	18.04	8,388	67.43	576	4.63	1,119	9.00
Iron, steel, and other metal workers (d).....	84,253	28.77	69,505	58.44	5,737	4.82	9,491	7.97
Leather curriers, dressers, finishers, and tanners.....	5,405	30.02	10,117	57.88	968	5.54	990	5.66
Machinists.....	12,803	24.17	32,970	62.25	2,539	4.80	4,652	8.78
Manufacturers and officials of manufacturing companies.....	3,154	12.12	19,974	76.76	862	3.31	2,032	7.81
Marble and stone cutters.....	8,519	31.61	14,599	54.17	1,597	5.02	2,287	8.30
Masons (brick and stone).....	14,513	24.54	56,653	61.87	3,433	5.80	4,540	7.69
Millers (flour and grist).....	1,665	17.89	5,936	63.77	460	4.94	1,247	13.40
Painters, glaziers, and varnishers.....	12,499	28.12	30,850	59.70	2,562	4.96	4,767	9.22
Plasterers.....	2,283	23.15	6,215	63.01	537	5.44	829	8.40
Plumbers and gas and steam fitters.....	2,225	20.82	7,244	65.18	394	3.55	1,150	10.85
Printers and compositors.....	3,653	23.84	9,080	60.93	559	3.75	1,711	11.48
Saw and planing mill employes, etc. (e).....	12,312	33.05	17,475	40.91	4,558	12.23	2,911	7.81
Tailors.....	30,057	36.59	43,183	52.58	3,980	4.88	4,903	5.97
Tobacco and cigar factory operatives.....	8,866	32.12	15,949	55.61	1,122	4.06	2,265	8.21
Wood workers (not otherwise specified).....	5,800	28.61	10,761	58.69	1,031	5.57	1,432	7.73

a Includes officers of United States army and navy.

b Brokers (commercial) not included.

c Includes locomotive engineers and firemen.

d Includes agricultural implement makers, brass workers, copper workers, iron and steel workers, lead and zinc workers, metal workers (not otherwise specified), molders, nail and tack makers, sewing machine makers, steam boiler makers, stove, furnace, and grate makers, tinners and tinware makers, and tool and outlery makers.

e Includes door, sash, and blind makers.

Of all the occupations designated in the preceding table the alien element was the most numerous among foreign born males of voting age who were returned in the census of 1890 as servants, and there was very nearly as large a percentage of aliens among adult male brick and tile makers and terra cotta workers of foreign birth, the exact percentages being 52.91 for the first-named occupation and 51.57 for the latter. The aliens constituted very nearly one-half of all the foreign born adult males returned as apprentices, fishermen and oystermen, hucksters and peddlers, agricultural laborers, and lumbermen, raftsmen, and wood choppers; considerably more than two-fifths of those returned as cotton, woolen, and other textile mill operatives, and very nearly two-fifths of those returned as laborers (not specified). More than one-third of all the adult males of foreign birth returned as miners and quarrymen, tailors, steam railroad employes, and stock raisers, herders, and drovers, and very nearly one-third of those returned as saw and planing mill employes, etc., tobacco and cigar factory operatives, hostlers and livery stable keepers, marble and stone cutters, bakers, and leather carriers, dressers, finishers, and tanners, were also reported as aliens. The smallest percentages of aliens were found among foreign born males of adult age who were returned as lawyers, officials of government, etc., restaurant and saloon keepers, farmers, planters, and overseers, hotel and boarding and lodging house keepers, watchmen, policemen, and detectives, builders and contractors, manufacturers and officials of manufacturing companies, and merchants and dealers, the percentages ranging from 6.61 for lawyers to 15.42 for merchants and dealers.

Information was obtained on the population schedule as to the length of residence in the United States for all foreign born males of voting age who were returned as aliens, and forms a part of the tabulation of occupations with respect to this element of the population. The following table shows the distribution of aliens engaged in gainful occupations and in each class of occupations in 1890, according to the number of years they had been in this country:

CLASSES OF OCCUPATIONS.	DISTRIBUTION OF ALIENS ENGAGED IN GAINFUL OCCUPATIONS ACCORDING TO NUMBER OF YEARS IN THE UNITED STATES.							
	Less than 1 year.		1 to 2 years.		3 to 4 years.		5 years and over.	
	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.
All occupations.....	61,826	5.41	220,522	19.20	223,541	19.47	638,266	55.83
Agriculture, fisheries, and mining.....	13,414	4.98	50,545	18.76	44,906	16.67	160,501	59.59
Professional service.....	1,029	5.29	3,537	18.17	3,394	17.43	11,597	59.11
Domestic and personal service.....	21,962	6.45	70,231	20.74	67,222	19.85	179,383	52.96
Trade and transportation.....	6,897	4.46	26,854	17.37	30,377	19.65	90,460	58.52
Manufacturing and mechanical industries.....	18,624	5.16	69,355	19.21	70,042	21.23	196,416	54.40

The aliens who had been in this country 5 years or more constituted considerably more than one-half of all the aliens engaged in gainful occupations in 1890, while in agriculture, fisheries, and mining and in professional service the proportion was very nearly three-fifths.

The following table shows the length of residence in this country of aliens engaged in each of the principal occupations in 1890:

PRINCIPAL OCCUPATIONS.	DISTRIBUTION OF ALIENS ENGAGED IN GAINFUL OCCUPATIONS ACCORDING TO NUMBER OF YEARS IN THE UNITED STATES.							
	Less than 1 year.		1 to 2 years.		3 to 4 years.		5 years and over.	
	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.
Agricultural laborers.....	6,806	7.03	20,812	23.19	16,012	17.84	43,622	51.94
Farmers, planters, and overseers.....	1,450	1.84	6,780	8.52	7,111	0.00	63,704	89.61
Gardeners, florists, nurserymen, and vine growers.....	284	3.20	1,148	13.18	1,225	14.07	0,051	69.49
Lumbermen, raftsmen, and wood choppers.....	563	4.54	2,795	22.53	2,542	20.50	6,502	52.43
Stock raisers, herders, and drovers.....	164	3.81	639	12.91	659	13.31	3,488	70.47
Fishermen and oystermen.....	103	1.69	971	15.96	922	15.16	4,087	67.19
Miners and quarrymen.....	4,442	6.75	17,036	25.90	15,991	24.32	28,298	43.03
Clergymen.....	199	5.10	708	18.14	601	16.94	2,334	59.82
Lawyers.....	36	9.12	60	16.71	58	14.68	235	59.49
Officials (government), etc. (a).....	46	5.22	113	12.83	132	14.98	690	66.97
Physicians and surgeons.....	126	6.42	378	19.25	332	16.90	1,128	57.43
Professors and teachers.....	112	5.20	460	21.30	413	19.17	1,169	54.27
Barbers and hair dressers.....	238	4.35	895	15.11	1,129	19.05	3,643	61.49
Bartenders.....	115	2.63	775	17.72	1,025	23.44	2,458	56.21
Engineers and firemen (not locomotive).....	194	2.68	1,151	15.90	1,468	20.27	4,428	61.15
Hotel and boarding and lodging house keepers.....	37	2.23	157	9.45	206	12.40	1,261	75.62
Laborers (not specified).....	19,068	7.83	59,622	23.73	53,194	21.18	118,708	47.26
Restaurant and saloon keepers.....	61	1.77	296	8.58	484	14.04	2,607	75.61
Servants.....	1,107	3.28	4,437	13.16	4,967	14.73	23,215	68.53
Watchmen, policemen, and detectives.....	63	2.15	392	13.40	580	20.03	1,885	64.42
Agents (claim, commission, real estate, insurance, etc.) and collectors.....	191	3.90	780	15.91	920	18.76	3,012	61.43
Bankers, brokers, and officials of banks, etc. (b).....	62	3.01	187	11.78	237	14.93	1,101	60.38
Boatmen, canalmen, pilots, and sailors.....	245	4.20	948	16.26	1,141	19.56	3,498	59.98
Bookkeepers and accountants.....	250	4.92	1,022	20.10	1,090	21.44	2,722	53.54
Clerks, copyists, stenographers, and typewriters.....	839	5.11	3,223	19.63	3,419	20.82	8,940	54.44
Commercial travelers.....	40	2.83	162	11.45	237	16.75	970	68.97
Draymen, hackmen, teamsters, etc.....	488	2.52	2,618	13.51	3,530	18.21	12,747	65.76
Hostlers and livery stable keepers.....	243	4.31	1,142	20.21	1,238	21.91	3,026	53.57
Hucksters and peddlers.....	574	4.39	2,432	18.59	3,218	24.60	6,857	52.43
Merchants and dealers.....	612	2.24	2,694	9.84	3,963	14.55	20,079	73.37
Messengers, packers, porters, etc.....	99	3.55	452	16.22	549	19.70	1,687	60.53
Salesmen.....	312	4.14	1,358	18.01	1,480	19.63	4,990	58.23
Steam railroad employes (c).....	2,750	7.46	8,748	23.72	7,934	21.52	17,442	47.30
Telegraph and telephone operators.....	35	4.88	164	22.87	144	20.09	374	52.16
Apprentices.....	61	9.70	180	28.62	144	22.89	244	38.79
Bakers.....	497	5.11	1,866	19.18	1,891	19.43	5,476	56.28
Blacksmiths and wheelwrights.....	685	4.82	2,808	19.77	3,003	21.14	7,710	54.27
Boot and shoe makers and repairers.....	801	4.22	3,144	16.58	3,550	18.73	11,463	69.47
Brick and tile makers and terra cotta workers.....	1,330	12.76	2,502	24.00	2,120	20.34	4,472	42.00
Builders and contractors.....	56	3.32	224	13.20	283	16.80	1,122	66.59
Butchers.....	384	4.64	1,254	15.14	1,496	18.06	5,148	62.16
Cabinet makers and upholsterers.....	257	4.26	1,063	17.62	1,191	19.74	3,532	53.33
Carpenters and joiners.....	2,052	4.97	7,960	19.29	8,782	21.28	22,479	54.46
Coopers.....	96	3.69	441	16.95	475	18.25	1,590	61.11
Cotton, woolen, and other textile mill operatives.....	1,637	5.20	6,185	19.63	6,138	19.48	17,543	55.69
Harness, saddle, trunk, valise, leather-case, and pocket-book makers.....	130	5.52	451	19.14	448	19.02	1,827	56.32
Iron, steel, and other metal workers (d).....	2,114	6.17	7,317	21.36	8,692	25.08	16,230	47.83
Leather curriers, dressers, finishers, and tanners.....	231	4.27	1,111	20.56	1,206	22.31	2,857	52.66
Machinists.....	545	4.26	2,620	20.46	3,044	23.78	6,694	51.59
Manufacturers and officials of manufacturing companies.....	102	3.23	374	11.86	446	14.14	2,232	70.77
Marble and stone cutters.....	521	6.12	2,028	23.80	1,790	21.01	4,180	49.07
Masons (brick and stone).....	844	5.82	2,753	18.96	2,999	20.67	7,917	54.55
Millers (flour and grist).....	155	9.31	297	17.84	289	17.86	924	65.49
Painters, glaziers, and varnishers.....	624	4.62	2,537	18.79	2,667	19.76	7,671	56.83
Plasterers.....	90	3.94	370	16.21	479	20.98	1,344	58.87
Plumbers and gas and steam fitters.....	99	4.26	383	16.47	502	21.59	1,311	57.68
Printers and compositors.....	175	4.92	708	19.93	685	19.28	1,985	55.87
Saw and planing mill employes, etc. (e).....	697	5.66	3,229	26.23	2,766	22.46	5,620	45.63
Tailors.....	1,162	3.87	4,939	16.43	7,152	23.79	16,804	55.91
Tobacco and cigar factory operatives.....	367	4.14	927	10.45	1,382	15.59	6,190	69.82
Wood workers (not otherwise specified).....	214	4.04	1,001	18.89	1,131	21.34	2,954	55.73

a Includes officers of United States army and navy.
b Brokers (commercial) not included.
c Includes locomotive engineers and firemen.
d Includes agricultural implement makers, brass workers, copper workers, iron and steel workers, lead and zinc workers, metal workers (not otherwise specified), molders, nail and tack makers, sewing machine makers, steam boiler makers, stove, furnace, and grate makers, tinnors and tinware makers, and tool and outlry makers.
e Includes door, sash, and blind makers.

Of the principal occupations named in the preceding table there were only 8 in which the aliens who had been in this country 5 years or more constituted less than one-half of all the aliens so occupied. These occupations and percentages for those who have been here 5 years or more are as follows: apprentices, 38.79; brick and tile makers and terra cotta workers, 42.90; miners and quarrymen, 43.03; saw and planing mill employes, etc., 45.65; laborers (not specified), 47.26; steam railroad employes, 47.30; iron, steel, and other metal workers, 47.38; marble and stone cutters, 49.07. In each of the other occupations considered at least one-half of all the aliens so occupied had been in this country 5 years or more, and in many cases the proportion was very much higher. The largest percentage of aliens who had been in this country 5 years or more was that for alien farmers, or 80.64 per cent, while for alien hotel and boarding and lodging house keepers and alien restaurant and saloon keepers those who had been in this country 5 years or more constituted, respectively, 75.92 and 75.61 per cent.

OCCUPATIONS IN CITIES HAVING 50,000 INHABITANTS OR MORE IN 1890.

The statistics of occupations were compiled in 1890 for each of the 58 cities having 50,000 inhabitants or more, and tables are presented in this report showing for each city in detail the number of persons of each sex engaged in gainful occupations and in each class of occupations, and according to general nativity, color, age periods, conjugal condition, illiteracy, inability to speak English, months unemployed, and nationality for those engaged in certain selected occupations.

The table on the following page shows the number of persons, without regard to sex, engaged in gainful occupations in 1890 in each of the 58 cities, and the percentage which they constituted of the total population in each case. Similar information was presented in the report of the census for 1880 for the 50 principal cities, which are also included among the 58 cities considered in 1890, with the single exception of Lawrence, Mass., which in 1890 had a population of less than 50,000. For 49 of these cities comparative figures for 1880 are also given.

PROGRESS OF THE NATION.

CITIES.	POPULATION IN 1890.			POPULATION IN 1880.		
	Total.	Number and per cent engaged in gainful occupations.		Total.	Number and per cent engaged in gainful occupations.	
		Number.	Per cent.		Number.	Per cent.
New York, N. Y.	1,515,301	677,463	44.71	1,206,299	513,377	42.56
Chicago, Ill.	1,099,850	458,313	41.67	503,185	191,760	38.11
Philadelphia, Pa.	1,010,904	466,791	44.59	847,170	348,900	41.18
Brooklyn, N. Y.	806,343	327,432	40.61	566,663	209,065	36.89
St. Louis, Mo.	451,770	186,654	41.32	350,518	139,085	39.94
Boston, Mass.	448,477	205,066	45.72	362,839	149,194	41.12
Baltimore, Md.	434,439	181,174	42.39	332,313	130,364	39.23
San Francisco, Cal.	298,997	147,269	49.25	233,959	104,650	44.73
Cincinnati, Ohio	296,908	124,937	42.08	255,130	100,454	39.37
Cleveland, Ohio	261,353	102,435	39.19	160,146	56,919	35.54
Buffalo, N. Y.	255,604	98,574	38.56	155,134	54,647	35.23
New Orleans, La.	242,039	95,539	39.47	216,000	78,336	36.25
Pittsburg, Pa.	238,617	95,787	40.14	156,389	52,173	33.36
Washington, D. C.	230,392	101,119	43.89	147,293	57,262	38.88
Detroit, Mich.	205,876	79,692	38.71	116,340	39,245	33.73
Milwaukee, Wis.	204,468	75,377	36.86	115,587	40,900	35.38
Newark, N. J.	181,830	74,237	40.83	130,508	40,066	30.71
Minneapolis, Minn.	164,738	75,405	45.77	46,887	21,302	45.43
Jersey city, N. J.	163,003	66,485	40.79	120,722	42,350	35.09
Louisville, Ky.	161,129	69,889	43.37	123,758	45,244	36.56
Omaha, Neb.	140,452	60,289	42.91			
Rochester, N. Y.	133,896	56,251	42.01	89,366	34,276	38.35
St. Paul, Minn.	133,156	57,817	43.42	41,473	17,809	42.94
Kansas city, Mo.	132,716	61,252	46.15	55,785	25,081	44.96
Providence, R. I.	132,146	61,174	46.29	104,857	43,878	41.85
Denver, Colo.	106,713	52,906	49.58	35,629	15,737	44.17
Indianapolis, Ind.	105,436	44,341	42.06	75,056	27,066	37.26
Allegheeny, Pa.	105,287	41,786	39.69	78,682	25,958	32.99
Albany, N. Y.	94,523	38,307	40.36	90,758	32,153	35.43
Columbus, Ohio	88,150	35,220	39.95	51,647	18,727	36.28
Syracuse, N. Y.	88,143	36,846	41.80	51,792	20,409	39.41
Worcester, Mass.	84,655	35,128	41.50	58,291	22,535	38.66
Toledo, Ohio	81,434	31,898	39.17	50,137	17,691	35.29
Richmond, Va.	81,388	35,227	43.28	68,600	24,550	35.60
New Haven, Conn.	81,208	34,504	42.44	62,882	24,155	38.45
Paterson, N. J.	78,347	34,071	43.49	51,031	22,570	44.23
Lowell, Mass.	77,696	30,563	39.22	59,475	29,781	50.07
Nashville, Tenn.	76,168	32,435	42.58	43,350	16,738	38.61
Scranton, Pa.	75,215	29,440	39.14	45,850	16,829	36.70
Fall River, Mass.	74,398	30,015	40.51	48,901	22,685	46.38
Cambridge, Mass.	70,028	28,493	40.69	52,669	20,021	38.01
Atlanta, Ga.	65,533	29,478	44.98	37,400	17,078	45.65
Memphis, Tenn.	64,495	28,218	43.75			
Wilmington, Del.	61,431	26,283	42.78	42,478	19,281	45.39
Dayton, Ohio	61,220	24,651	40.27	38,678	14,184	36.67
Troy, N. Y.	60,956	26,754	43.89	56,747	23,745	41.84
Grand Rapids, Mich.	60,278	24,220	40.18			
Reading, Pa.	58,661	22,807	38.88	43,278	15,623	36.10
Camden, N. J.	58,313	24,252	41.59	41,659	15,085	36.21
Trenton, N. J.	57,458	23,084	40.18			
Lynn, Mass.	55,727	26,538	47.62	38,274	16,728	43.71
Lincoln, Neb.	55,154	21,728	39.40			
Charleston, S. C.	54,055	24,493	45.57	49,984	20,325	40.66
Hartford, Conn.	53,230	23,530	44.20	42,015	17,212	40.97
St. Joseph, Mo.	52,324	22,210	42.45			
Evansville, Ind.	50,756	21,044	42.64			
Los Angeles, Cal.	50,395	20,721	41.12			
Des Moines, Iowa	50,093	19,039	38.01			

The same causes which affect the proportion of persons at work in the several states and territories are operative in the principal cities of the country, as shown by the preceding table.

The largest proportions of the population at work are found in those cities where the adult males are largely in the majority or where the prevailing industries call for the employment in considerable numbers of women and

children. Conversely, the smallest proportions at work are found in those cities where the conditions of the population as to age and sex are normal or where the occupations are of such a character as not to call for a material concentration of any one element of the population to the partial exclusion of its other elements, commercially and industrially considered. The percentage of the total population at work in the principal cities of the country in 1890 varies in round numbers from 37 to 51 per cent, as shown by the following summary:

	PER CENT.
Milwaukee	37
Des Moines	38
Cleveland, Buffalo, New Orleans, Detroit, Toledo, Scranton, Reading, Lincoln	39
Pittsburg, Allegheny, Albany, Columbus, Dayton, Grand Rapids, Trenton	40
Brooklyn, St. Louis, Newark, Jersey city, Worcester, Cambridge, Los Angeles	41
Chicago, Baltimore, Cincinnati, Rochester, Indianapolis, Syracuse, New Haven, Camden, St. Joseph	42
Louisville, St. Paul, Richmond, Paterson, Nashville, Wilmington, Evansville	43
Washington, Memphis, Troy, Hartford	44
New York, Philadelphia, Atlanta, Charleston	45
Boston, Minneapolis, Kansas city, Providence	46
Omaha	47
Lynn	48
San Francisco, Fall River	49
Denver	50
Lowell	51

The statistics of occupations comprehend only persons 10 years of age and over, so that if only this element of the population is considered, excluding children less than 10 years of age, the proportion of those at work to the whole number of persons of that age in the principal cities in 1890 is very much increased, as compared with the proportion of the total population at work, as shown by the following table:

CITIES.	POPULATION 10 YEARS OF AGE AND OVER IN 1890.			CITIES.	POPULATION 10 YEARS OF AGE AND OVER IN 1890.		
	Total.	Number and per cent engaged in gainful occupations.			Total.	Number and per cent engaged in gainful occupations.	
		Number.	Per cent.			Number.	Per cent.
New York, N. Y.....	1,210,589	677,403	55.96	Columbus, Ohio.....	71,498	35,220	49.26
Chicago, Ill.....	842,421	458,313	54.40	Syracuse, N. Y.....	71,138	36,846	51.80
Philadelphia, Pa.....	847,283	406,791	55.09	Worcester, Mass.....	68,385	35,128	51.37
Brooklyn, N. Y.....	634,271	327,432	51.62	Toledo, Ohio.....	62,563	31,898	50.99
St. Louis, Mo.....	354,084	186,654	52.71	Richmond, Va.....	65,740	35,227	53.59
Boston, Mass.....	371,897	205,066	55.14	New Haven, Conn.....	66,400	34,504	51.96
Baltimore, Md.....	342,930	184,174	53.71	Paterson, N. J.....	61,115	34,071	55.75
San Francisco, Cal.....	252,086	147,269	58.28	Lowell, Mass.....	63,793	39,563	62.01
Cincinnati, Ohio.....	235,375	124,037	53.08	Nashville, Tenn.....	61,260	32,435	52.93
Cleveland, Ohio.....	201,326	102,435	50.88	Scranton, Pa.....	56,894	29,440	51.75
Buffalo, N. Y.....	194,196	98,574	50.76	Fall River, Mass.....	58,592	30,015	61.47
New Orleans, La.....	189,507	95,539	50.41	Cambridge, Mass.....	50,950	28,493	50.03
Pittsburg, Pa.....	183,032	95,787	52.16	Atlanta, Ga.....	51,709	29,478	56.91
Washington, D. C.....	188,567	101,119	53.62	Memphis, Tenn.....	53,039	28,218	53.20
Detroit, Mich.....	157,401	79,692	50.63	Wilmington, Del.....	49,587	26,283	53.00
Milwaukee, Wis.....	150,414	75,377	50.11	Dayton, Ohio.....	48,082	24,051	50.04
Newark, N. J.....	142,347	74,237	52.15	Troy, N. Y.....	49,983	26,754	53.53
Minneapolis, Minn.....	130,132	75,405	57.94	Grand Rapids, Mich.....	47,376	24,220	51.12
Jersey city, N. J.....	127,685	66,485	52.07	Reading, Pa.....	45,795	22,807	49.80
Louisville, Ky.....	129,745	69,886	53.87	Camden, N. J.....	40,368	24,252	52.30
Omaha, Neb.....	109,247	66,280	60.08	Trenton, N. J.....	45,335	23,084	50.92
Rochester, N. Y.....	106,173	56,251	52.98	Lynn, Mass.....	46,431	26,538	57.16
St. Paul, Minn.....	102,772	57,817	56.20	Lincoln, Neb.....	41,018	21,728	52.97
Kansas city, Mo.....	108,226	61,252	56.60	Charleston, S. C.....	43,459	24,493	56.36
Providence, R. I.....	100,449	61,174	55.89	Hartford, Conn.....	44,051	23,530	53.42
Denver, Colo.....	88,634	52,906	59.69	St. Joseph, Mo.....	41,658	22,210	53.32
Indianapolis, Ind.....	85,857	44,341	51.65	Evansville, Ind.....	40,411	21,044	53.56
Allegheny, Pa.....	81,966	41,780	50.98	Los Angeles, Cal.....	41,196	20,721	50.30
Albany, N. Y.....	77,560	38,307	49.39	Des Moines, Iowa.....	39,394	19,039	48.33

In Lowell and Fall River, in Massachusetts, more than three-fifths of the population 10 years of age and over in 1890 were at work, while in but three of the 58 cities named did the proportion fall below one-half, and in those three cities, namely, Albany, N. Y., Columbus, Ohio, and Des Moines, Iowa, the proportion was very nearly one-half. Next to Lowell and Fall River, the largest proportions at work were found in Omaha, Neb., Denver, Colo., San Francisco, Cal., and Minneapolis, Minn., in the order named.

These large proportions are caused by the preponderance of adult males or by the employment of women and children in large numbers, as already stated. The relative influence of these and other causes is further illustrated by the following table, which shows the number and percentage of males and females 10 years of age and over in 1890 at work in each of the 58 cities named:

CITIES.	MALE POPULATION 10 YEARS OF AGE AND OVER IN 1890.			FEMALE POPULATION 10 YEARS OF AGE AND OVER IN 1890.		
	Total.	Number and per cent engaged in gainful occupations.		Total.	Number and per cent engaged in gainful occupations.	
		Number.	Percent.		Number.	Percent.
New York, N. Y.....	535,047	498,590	83.79	615,542	178,867	29.06
Chicago, Ill.....	438,815	370,225	84.37	463,606	83,088	21.83
Philadelphia, Pa.....	410,131	344,143	83.91	437,152	122,648	28.06
Brooklyn, N. Y.....	308,127	255,082	82.79	326,144	72,350	22.18
St. Louis, Mo.....	178,885	148,053	82.76	175,199	38,601	22.03
Boston, Mass.....	170,117	146,814	81.97	192,780	58,232	30.21
Baltimore, Md.....	160,290	131,892	82.28	182,637	52,282	28.63
San Francisco, Cal.....	146,804	124,339	84.99	106,382	22,930	21.55
Cincinnati, Ohio.....	113,941	94,527	82.96	121,434	30,410	25.04
Cleveland, Ohio.....	102,129	83,101	81.37	99,197	19,334	19.40
Buffalo, N. Y.....	97,900	79,690	81.40	96,296	18,884	19.61
New Orleans, La.....	87,212	69,635	79.85	102,205	25,904	25.32
Pittsburg, Pa.....	86,327	80,308	83.37	87,305	15,479	17.73
Washington, D. C.....	88,703	68,682	77.78	99,864	32,127	32.17
Detroit, Mich.....	76,806	62,566	81.45	80,595	17,136	21.26
Milwaukee, Wis.....	73,741	59,578	80.79	76,673	15,799	20.61
Newark, N. J.....	69,192	57,403	82.96	73,155	16,634	23.01
Minneapolis, Minn.....	70,018	59,703	85.40	60,114	15,612	25.97
Jersey city, N. J.....	64,290	53,421	83.08	63,386	13,064	20.61
Louisville, Ky.....	62,780	52,364	83.41	66,965	17,522	26.17
Omaha, Neb.....	63,981	54,844	85.72	45,266	11,442	25.28
Rochester, N. Y.....	50,600	41,130	81.27	55,567	15,121	27.21
St. Paul, Minn.....	54,281	45,626	84.42	48,491	11,991	24.73
Kansas city, Mo.....	58,624	49,093	85.28	49,602	11,259	22.70
Providence, R. I.....	52,105	43,866	84.17	57,344	17,318	30.20
Denver, Colo.....	51,694	44,763	86.59	36,940	8,143	22.04
Indianapolis, Ind.....	42,884	35,073	82.75	43,473	9,268	21.32
Allegheny, Pa.....	40,840	33,406	81.80	41,120	8,380	20.38
Albany, N. Y.....	36,848	29,361	79.52	40,612	8,926	21.98
Columbus, Ohio.....	36,607	28,225	77.10	34,891	6,905	20.05
Syracuse, N. Y.....	34,423	28,286	82.03	36,715	8,610	23.45
Worcester, Mass.....	33,998	26,874	79.05	34,387	8,254	24.00
Toledo, Ohio.....	31,806	25,768	82.41	31,257	6,100	19.52
Richmond, Va.....	30,546	23,466	76.82	35,194	11,761	33.42
New Haven, Conn.....	32,959	26,209	79.52	33,447	8,295	24.80
Paterson, N. J.....	29,503	24,686	83.67	31,612	9,385	29.69
Lowell, Mass.....	28,531	23,832	83.53	35,267	15,731	44.61
Nashville, Tenn.....	29,286	22,947	78.34	31,683	9,488	29.67
Scranton, Pa.....	29,098	24,685	84.83	27,796	4,755	17.11
Fall River, Mass.....	27,802	23,300	83.81	30,790	12,715	41.30
Cambridge, Mass.....	27,603	20,983	76.02	29,347	7,510	25.59
Atlanta, Ga.....	24,501	20,240	82.61	27,298	8,238	30.14
Memphis, Tenn.....	26,804	20,042	74.77	26,235	8,176	31.16
Wilmington, Del.....	24,844	20,994	84.50	24,743	5,289	21.38
Dayton, Ohio.....	24,153	19,858	82.22	24,529	4,793	19.54
Troy, N. Y.....	23,128	18,303	79.14	26,855	8,451	31.47
Grand Rapids, Mich.....	23,702	19,549	82.48	23,674	4,671	19.73
Reading, Pa.....	22,516	18,299	81.27	23,279	4,508	19.37
Camden, N. J.....	22,514	19,159	85.10	23,854	5,093	21.35
Trenton, N. J.....	22,985	18,347	79.82	22,350	4,797	21.49
Lynn, Mass.....	22,724	19,232	84.63	23,707	7,306	30.82
Lincoln, Neb.....	22,300	17,842	80.01	18,718	3,886	20.76
Charleston, S. C.....	19,868	15,740	79.22	23,591	9,753	41.31
Hartford, Conn.....	21,354	17,545	82.16	22,697	5,985	26.37
St. Joseph, Mo.....	21,952	17,934	81.70	19,706	4,276	21.70
Evansville, Ind.....	20,343	16,919	83.17	20,068	4,725	23.54
Los Angeles, Cal.....	21,634	17,202	79.51	19,562	5,519	27.99
Des Moines, Iowa.....	19,897	15,393	77.37	19,497	3,646	18.69

The largest proportions of females 10 years of age and over at work in 1890 were found in Lowell and Fall River, constituting, respectively, 44.61 and 41.30 per cent of the whole number of females 10 years of age and over, while the largest proportions of males 10 years of age and over at work in 1890 were found in Denver, Colo., Minneapolis, Minn., and Kansas city, Mo.

The reasons for these large proportions of male and female workers in the cities named are at once apparent: the employment of females in large numbers in the textile industries of the first two cities named, and the undue proportion of males in the three western cities and the character of the prevailing industries there. These two examples serve to illustrate the purpose of the table, and the figures contained therein need not, therefore, be analyzed in detail.

SOLDIERS AND WIDOWS.

By the terms of the act governing the Eleventh Census, provision was made for obtaining through the census enumerators a list of "the names, organizations, and length of service of those who had served in the army, navy, or marine corps of the United States in the war of the rebellion, and who are survivors at the time of said inquiry, and the widows of soldiers, sailors, and marines", a special schedule being provided for the purpose. After this information, which from the nature of the inquiry was necessarily more or less incomplete, had been collected and some work done toward its verification and completion, it was temporarily set aside, and subsequently by an act of Congress all the schedules and papers relating to this special inquiry were turned over to the Commissioner of Pensions. By means of identification on the regular population schedule of all surviving veterans and widows of veterans for whom the inquiries on the special schedule had been made, it was possible to obtain, approximately, the number living on June 1, 1890, as well as much valuable statistical data concerning them. The special provisions of the census law related only to surviving United States soldiers, sailors, and marines, so far as the name, organization, and length of service was concerned, but, for statistical purposes, an inquiry was also made on the population schedule as to the number of surviving Confederate soldiers and Confederate widows, so as to determine the number of survivors of the war of the rebellion, both Union and Confederate, as well as the number of surviving widows of participants who had died.

As a result of this statistical inquiry, it was found that on June 1, 1890, there were 1,034,073 surviving United States soldiers, sailors, and marines; 145,359 surviving widows of United States soldiers, sailors, and marines; 432,020 surviving Confederate veterans of the civil war, and 60,564 surviving widows of Confederate veterans. In using these figures, it must be understood that they are approximate only, as derived from the answers made on the population schedule, and have not been subjected to careful revision and comparison with the returns made on the special schedule giving the name, organization, and length of service of each surviving veteran who had served in the United States army, navy, or marine corps during the war of the rebellion. If this special branch of the census work had been completed as originally outlined, the figures resulting therefrom would have shown very nearly the actual number of survivors of the late war on the Union side, as based upon the detailed returns concerning their records of service made to the census enumerators and carefully verified by the central office. The figures presented in this report are believed, however, to be reasonably correct, but it was deemed best that this qualifying statement should be made in the interest of all concerned.

The following table shows the distribution of surviving veterans and widows of veterans, both United States and Confederate, by general nativity and color:

GENERAL NATIVITY AND COLOR.	UNITED STATES SOLDIERS, SAILORS, AND MARINES.		WIDOWS OF UNITED STATES SOLDIERS, SAILORS, AND MARINES.		CONFEDERATE SOLDIERS AND SAILORS.		WIDOWS OF CONFEDERATE SOLDIERS AND SAILORS.	
	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.
Aggregate.....	1,034,073	100.00	145,359	100.00	432,020	100.00	60,564	100.00
Total white.....	930,274	94.80	135,892	93.49	428,747	99.24	60,022	99.10
Native white.....	807,701	78.11	108,368	74.56	415,234	96.11	58,366	96.37
Native parents.....	718,446	69.48	96,003	66.05	405,694	93.90	56,599	93.45
Foreign parents.....	89,255	8.63	12,865	8.51	9,540	2.21	1,767	2.92
Foreign white.....	172,573	16.69	27,524	18.93	13,513	3.13	1,656	2.73
Total colored.....	53,799	5.20	9,467	6.51	3,273	0.76	542	0.90

Of the whole number of surviving United States soldiers, sailors, and marines, 718,446, or 69.48 per cent, were native white of native parentage; 89,255, or 8.63 per cent, were native white of foreign parentage; 172,573, or 16.69 per cent, were foreign white, and 53,799, or 5.20 per cent, were colored. There were, on the other hand, 405,694 out of a total of 432,020 surviving Confederate soldiers and sailors, or 93.90 per cent, who were native white of native parentage, leaving only 26,326, or 6.10 per cent, for all other persons. Approximately the same conditions were found among the surviving widows of veterans as have been indicated for surviving veterans themselves, both United States and Confederate.

SOLDIERS AND WIDOWS.

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The distribution by age periods of surviving veterans of the civil war, both United States and Confederate, is shown in the following table:

AGE PERIODS.	UNITED STATES SOLDIERS, SAILORS, AND MARINES.		CONFEDERATE SOLDIERS AND SAILORS.	
	Number.	Per cent.	Number.	Per cent.
All ages	1, 034, 073	100.00	432, 020	100.00
Under 45 years.....	129, 438	12.52	50, 666	11.73
45 to 54 years.....	575, 746	55.68	216, 280	50.06
55 to 64 years.....	238, 489	23.06	114, 752	26.56
65 to 74 years.....	75, 214	7.27	43, 714	10.12
75 years and over.....	11, 149	1.08	5, 887	1.36
Age unknown	4, 037	0.39	741	0.17

Of the surviving veterans of the United States army and navy, 12.52 per cent were less than 45 years of age, 55.68 per cent from 45 to 54 years of age, 23.06 per cent from 55 to 64 years of age, 7.27 per cent from 65 to 74 years of age, and 1.08 per cent 75 years of age and over. Among the surviving Confederate veterans 11.73 per cent were less than 45 years of age, 50.06 per cent from 45 to 54 years of age, 26.56 per cent from 55 to 64 years of age, 10.12 per cent from 65 to 74 years of age, and 1.36 per cent 75 years of age and over. The Confederate veterans as a class, therefore, were somewhat older than the United States veterans, showing that they drew more largely upon the older elements of their population during the progress of the civil war.

A similar distribution by age periods is shown in the following table for the widows of veterans, both United States and Confederate:

AGE PERIODS.	WIDOWS OF UNITED STATES SOLDIERS, SAILORS, AND MARINES.		WIDOWS OF CONFEDERATE SOLDIERS AND SAILORS.	
	Number.	Per cent.	Number.	Per cent.
All ages	145, 359	100.00	60, 564	100.00
Under 35 years.....	3, 662	2.52	1, 530	2.53
35 to 44 years.....	29, 720	20.45	9, 936	16.41
45 to 54 years.....	51, 946	35.74	22, 866	37.75
55 to 64 years.....	38, 332	26.37	17, 890	29.54
65 to 74 years.....	16, 985	11.68	6, 891	11.38
75 years and over.....	4, 088	2.81	1, 274	2.10
Age unknown.....	626	0.43	177	0.29

Considered as regards geographical divisions, it is seen that of the surviving United States soldiers, sailors, and marines, 519,711, or 50.26 per cent, were living June 1, 1890, in the North Central division; 315,466, or 30.51 per cent, in the North Atlantic division; 93,942, or 9.08 per cent, in the South Central division, principally in Kentucky, Tennessee, and Arkansas; 54,841, or 5.30 per cent, in the South Atlantic division, and 50,113, or 4.85 per cent, in the Western division.

The largest number living in any one state was 110,780 in Pennsylvania, closely followed by Ohio with 101,602. Other large numbers were 86,041 in New York, 71,158 in Illinois, 63,747 in Missouri, 63,242 in Indiana, 50,627 in Kansas, 45,984 in Michigan, 42,855 in Iowa, and 39,606 in Massachusetts, as shown by the following statement, giving the states and territories in the order of the number of surviving United States veterans down to the lowest number:

Pennsylvania	110,780	California.....	17,260	Oregon	5,687
Ohio.....	101,602	Arkansas	14,464	North Carolina.....	4,133
New York.....	86,041	Connecticut.....	12,994	Alabama.....	4,014
Illinois.....	71,158	West Virginia.....	12,827	Delaware	3,539
Missouri.....	63,747	Maryland.....	12,648	Florida	2,814
Indiana.....	63,242	Colorado.....	9,715	Montana.....	2,646
Kansas	50,627	New Hampshire.....	8,996	Oklahoma	2,486
Michigan.....	45,984	Vermont.....	8,730	South Carolina.....	2,098
Iowa.....	42,855	Texas.....	8,722	North Dakota.....	2,064
Massachusetts	39,606	Virginia.....	8,365	Georgia.....	2,063
Kentucky.....	30,150	Louisiana.....	7,587	New Mexico.....	1,986
Wisconsin.....	29,575	Washington.....	7,409	Idaho.....	1,604
New Jersey.....	23,707	South Dakota.....	7,132	Wyoming.....	1,171
Nebraska.....	22,885	Mississippi.....	6,362	Arizona.....	1,163
Tennessee.....	20,137	District of Columbia.....	6,334	Utah	881
Minnesota.....	18,840	Rhode Island.....	6,301	Nevada	591
Maine	18,311				

Of the surviving Confederate soldiers and sailors, 214,347, or 49.62 per cent, were living June 1, 1890, in the South Central division; 183,676, or 42.51 per cent, in the South Atlantic division; 25,701, or 5.95 per cent, in the North Central division, mainly in Missouri; 5,863, or 1.36 per cent, in the Western division, and 2,433, or 0.56 per cent, in the North Atlantic division. The largest number of surviving Confederate veterans were found living in Texas, and the next largest numbers in Virginia, Georgia, and North Carolina, in the order named. These figures are given in detail for the states and territories containing at least 8,000 survivors, as follows:

Texas.....	66,791	Tennessee.....	32,201	Louisiana.....	16,199
Virginia.....	48,713	Mississippi.....	26,728	Kentucky.....	11,115
Georgia.....	47,080	Arkansas	26,706	West Virginia.....	9,117
North Carolina.....	43,947	South Carolina.....	23,650	Florida	8,232
Alabama.....	34,004	Missouri.....	17,558		

Of the surviving Confederate veterans not comprehended by the above statement, 8,148 were found in the North Central division, excluding Missouri; 5,863 in all the states and territories comprising the Western division; 2,937 in Delaware, Maryland, and the District of Columbia combined; 2,433 in all the states comprising the North Atlantic division, and 603 in Oklahoma.

Of the surviving United States soldiers, sailors, and marines, 964,587, or 92.31 per cent, and of the surviving Confederate soldiers and sailors, 382,089, or 88.44 per cent, were engaged in gainful occupations in 1890. The relatively small proportion of Confederate veterans at work, as compared with United States veterans, is due to the fact that their present average age is greater than that of the United States veterans, and they are, as a consequence, incapacitated to a greater extent for active work.

Of the widows of United States veterans, 39,944, or 27.48 per cent, and of the widows of Confederate veterans, 24,492, or 40.44 per cent, were engaged in gainful occupations in 1890. The large proportion of widows of Confederate veterans at work is due to the large number engaged in agriculture, fisheries, and mining, shown in Table 128.

Very nearly seven-tenths of all the Confederate veterans at work in 1890 were engaged in agriculture, fisheries, and mining, as compared with but little more than two-fifths of the United States veterans at work.

INMATES OF SOLDIERS' HOMES.

The total number of inmates of homes for disabled soldiers and sailors, June 1, 1890, was 22,080. Of this number 16,327, or 73.95 per cent, were found in national homes, including the United States Soldiers' Home at Washington, D. C.; 5,465, or 24.75 per cent, in state or private homes, and 288, or 1.30 per cent, in Confederate homes.

By geographical divisions, 3,942, or 17.85 per cent, were found in the North Atlantic division; 3,998, or 18.11 per cent, in the South Atlantic division; 13,389, or 60.64 per cent, in the North Central division; 86, or 0.39 per cent, in the South Central division, and 665, or 3.01 per cent, in the Western division.

There were 21,839 white inmates, 240 negroes, and 1 Indian. Of the whites, 10,346, or 47.37 per cent, were born in the United States, and 11,493, or 52.63 per cent, were foreign born. Of the 10,346 native whites, 9,034, or 41.37 per cent of all the whites, had native parents, and 1,312, or 6.01 per cent of all the whites, had foreign parents.

In respect to age, inmates of soldiers' homes range from 40 to 100 years. One-sixth of them were still under the age of 50, one-third under 55, and one-half under 60. The average age was 59 years.

As to conjugal condition, 9,022, or 40.86 per cent, were single; 6,103, or 27.64 per cent, were married; 6,407, or 29.02 per cent, were widowed; 209, or 0.95 per cent, were divorced, and for 339, or 1.53 per cent, the conjugal condition was unknown.

The percentage of those who can both read and write is 85.09; of those who can read only, 1.80, and of those who can neither read nor write, 13.11. Of the negroes, nearly one-half can neither read nor write. The percentage of illiteracy among the foreign white is nearly three times as great as that among the native white.

There were 22 inmates who were reported as not able to speak the English language, 21 of whom were foreign white and 1 colored.

The percentage reported as in good health is 9.34; sick, 72.12; insane, 0.55; blind, 2.28; deaf mutes, 0.84; idiotic, 0.13; crippled, 14.74.